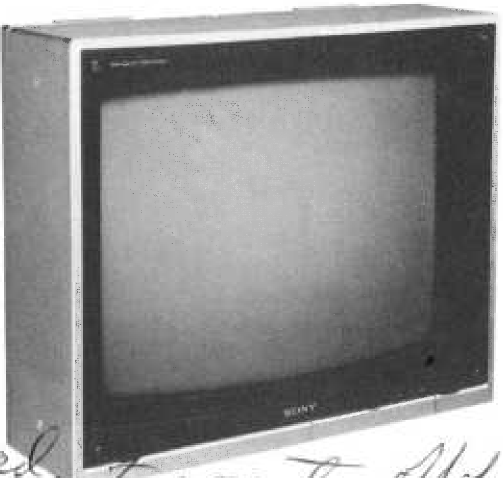
2385
1-228-484-11

KX-2501

SERVICE MANUAL

US Model
Chassis No. SCC-383A-A



Squeal - F602
5A (Shutdown @ turn on) (Red-H Stat)
Jail bars C1527 on D board - top center of D1507 + T1503

HF CHASSIS

October, 1981

Squeal F602 good
HV, Stat

The adjustment procedures are not contained in this manual.
When performing the adjustments, refer to the separate-volume "ADJUSTMENT MANUAL".

SPECIFICATIONS

Color system	NTSC
Picture tube	Trinitron tube 25-inch picture measured diagonally, 114-degree deflection
Inputs	VIDEO INPUT (phono jack) 1 V p-p, NTSC, 75 ohms, unbalanced, sync negative AUDIO INPUT (2 phono jacks) −5 dBs (436 mV rms), 47 kilohms CONTROL INPUT (minijack) 5V p-p MULTI INPUT (8-pin DIN) Same as the above VIDEO/AUDIO/ • CONTROL INPUTS
Output	SPEAKER Accepts speakers of 8–16 ohms
Power requirements	120V ac, 60 Hz
Power consumption	180 W (max.) 132 W (average) 1.8W (in standby condition)
AC outlet	Switched, max. 200 W
Dimensions	Approx. 660 x 560 x 487 mm (w/h/d) (26 x 22 ⅛ x 19¼ inches)
Weight	Approx. 55 kg (121 lb 4 oz)
Accessories supplied	Video Cable VMC-1S (phono plug to phono plug, 1.2 m) Connecting Cord RK-105A (miniplug to 2 phono plugs, 1.5 m) 34-pin socket 1 set

— Continued on next page —

TRINITRON®
COMPONENT TV

SONY®

MICROFILM

MON

RGB MULTI INPUT (34-pin plug)

Pin No.	Signal	Signal level
21	Level select	High state (open): for 1 V p-p Low state (ground): for TTL level
25 26 27	Red input Green input Blue input	Positive polarity ❶ 1 V p-p $^{+3}_{-1}$ dB, 75 ohms terminated, superimposed dc component 0–2 V ❷ TTL level ● ❶ or ❷ is selected by the pin 21.
29	Blanking input	Positive polarity High state (1–3 V), 75 ohms terminated Low state (0–0.4 V), 75 ohms terminated ● Displays RGB inputs only at high state, or RGB inputs superimposed directly on composite video inputs at low state.
30	Composite sync or H sync	Negative polarity ❶ 1 V p-p $^{+3}_{-1}$ dB, 75 ohms terminated, superimposed dc component 0–2 V ❷ TTL level ● ❶ or ❷ is selected by the pin 21.
31	V sync	Negative polarity TTL level
32	Half blanking	Positive polarity TTL level ● Active with the blanking input at low state. ● Decreases the contrast of the composite video inputs in superimposed mode.
33	Normal/RGB select	High state (10–12 V): RGB inputs Low state (0–2 V): Normal composite input ● The NORMAL/RGB button on the front panel does not function at high state.
3–13, 15, 16	Ground	
1, 2, 14, 17–20, 22–24, 28, 34	Not in use	

Design and specifications subject to change without notice.

WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any).
   Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60–100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

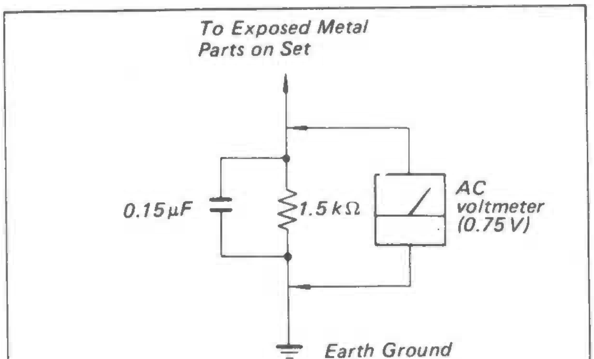


Fig. A. Using an AC voltmeter to check AC leakage.

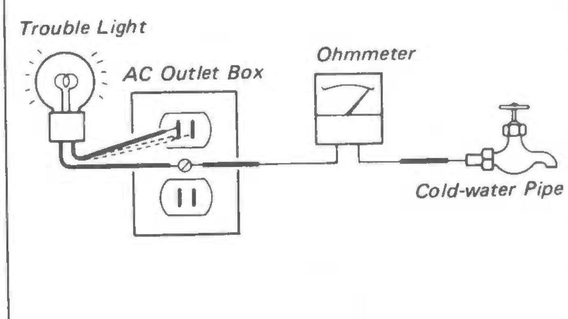
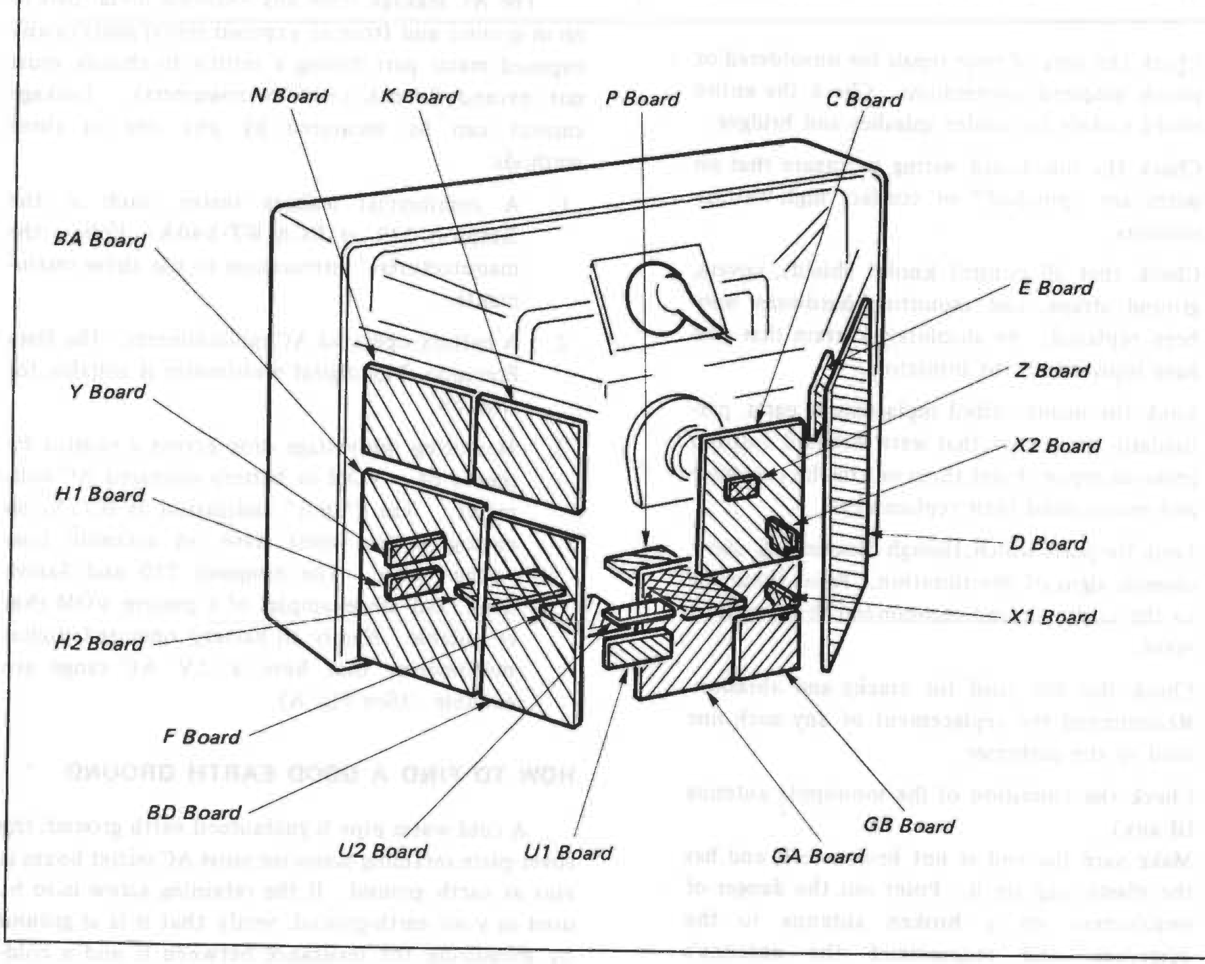


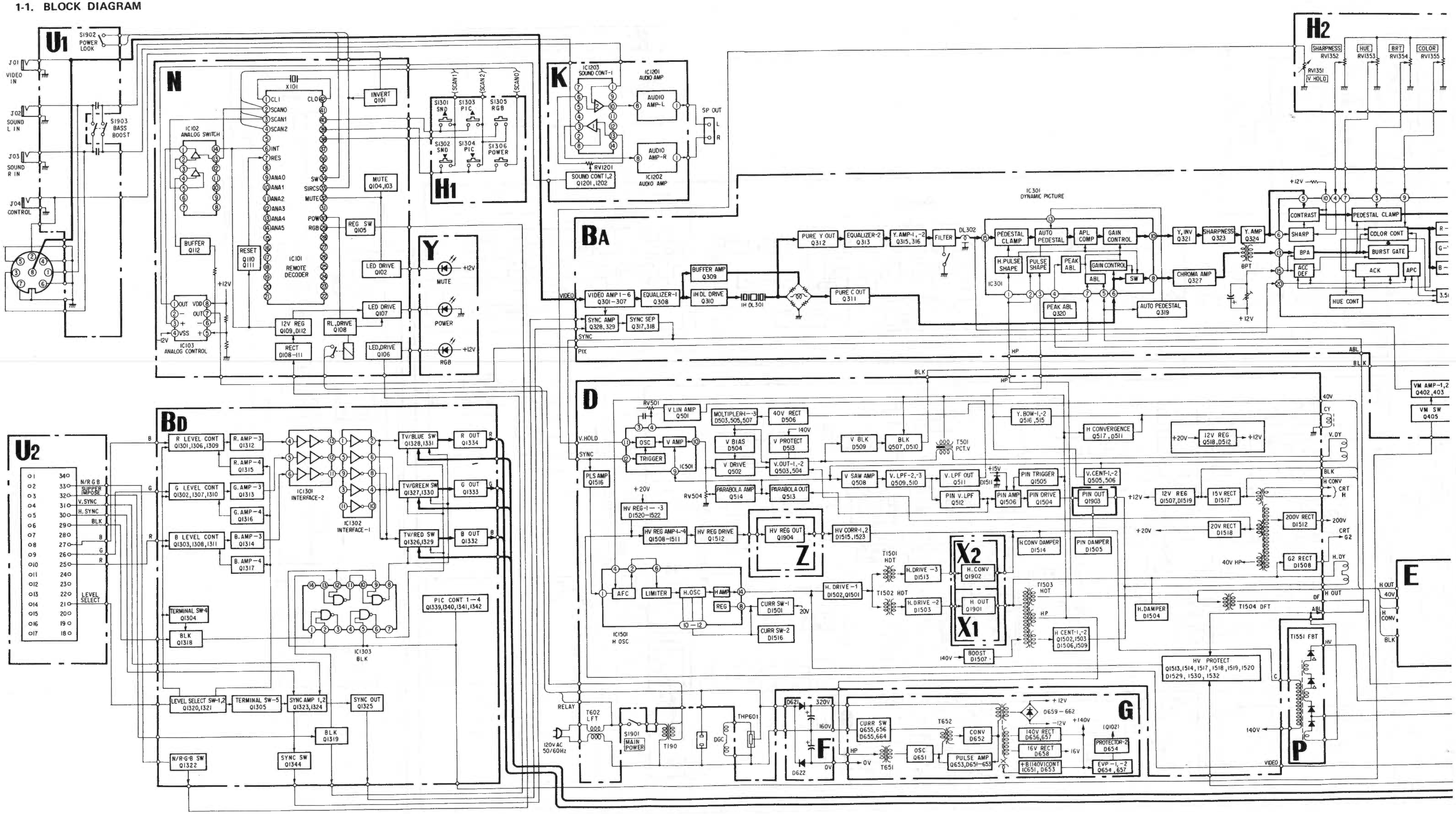
Fig. B. Checking for earth ground.

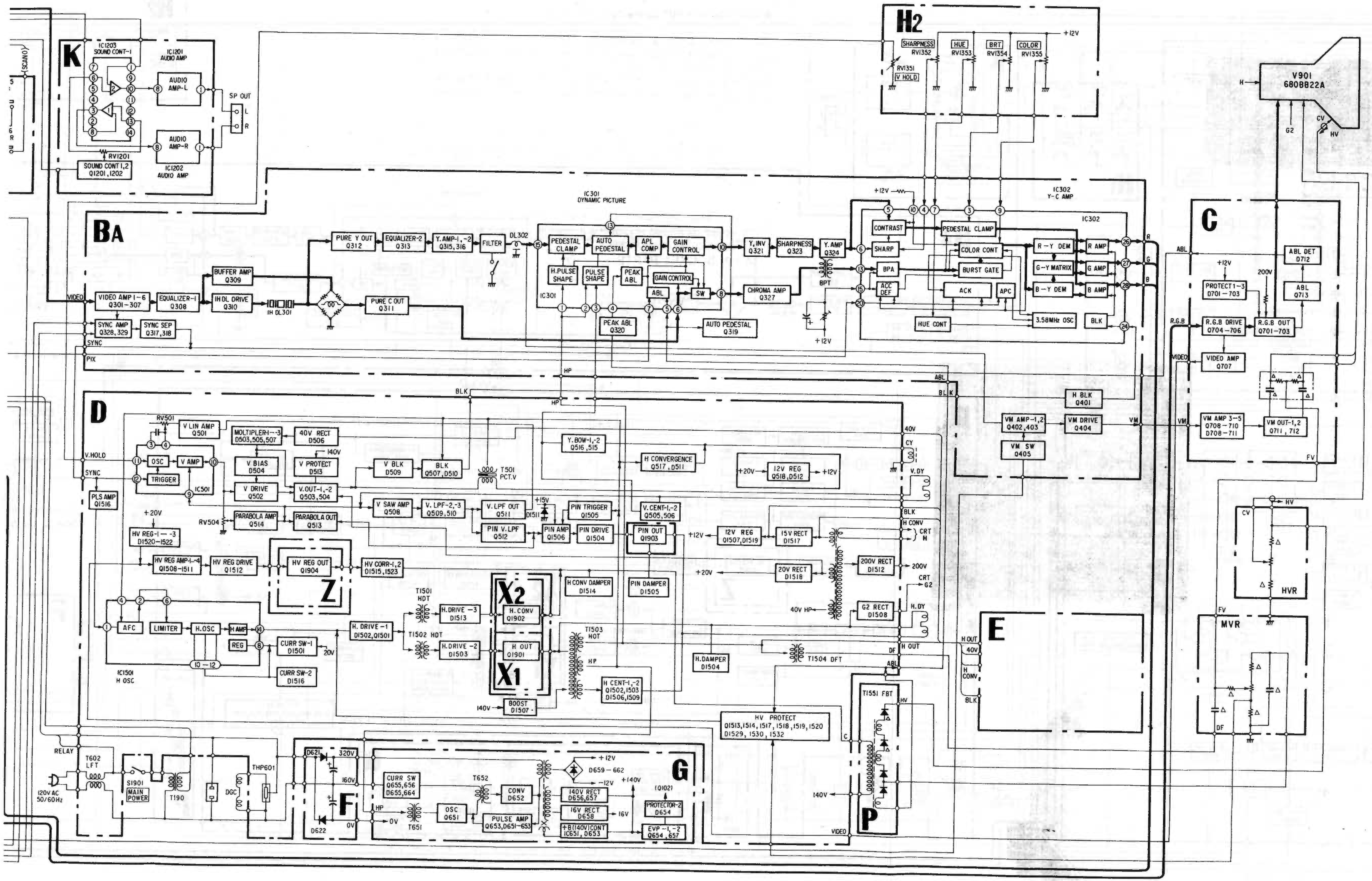
CIRCUIT BOARDS LOCATION



SECTION 1
OUTLINE

1-1. BLOCK DIAGRAM

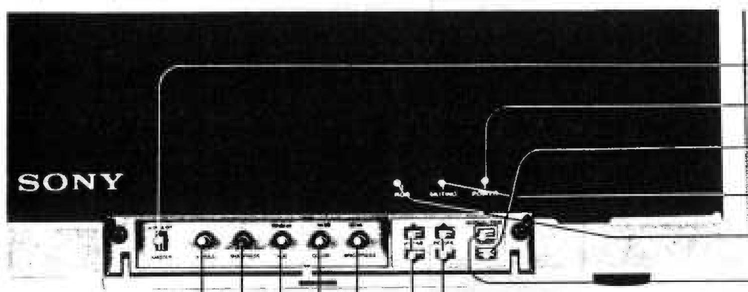




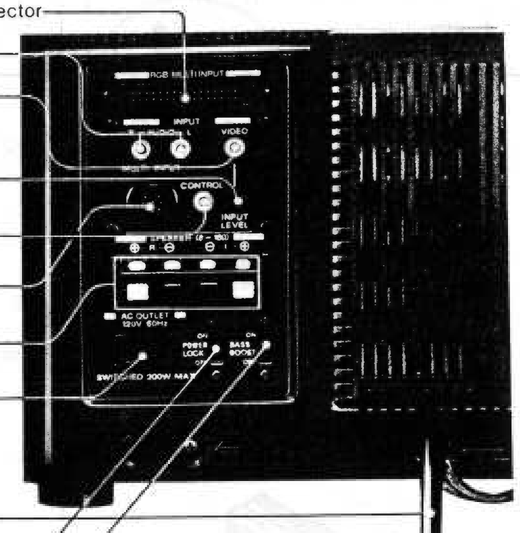
K
IC1203 SOUND CONT-1
IC1201 AUDIO AMP
AUDIO AMP-L
AUDIO AMP-R
SP OUT
RV1201
SOUND CONT 1,2 Q1201,1202
IC1202 AUDIO AMP
H2
SHARPNESS RV1352
HUE RV1353
BRT RV1354
COLOR RV1355
RV1351 V HOLD
+12V
V901 680BB22A
G2
CV
HV
BA
VIDEO
VIDEO AMP 1-6 Q301-307
EQUALIZER-1 Q308
BUFFER AMP Q309
1H DL DRIVE Q310
1H DL301
PURE Y OUT Q312
EQUALIZER-2 Q313
Y. AMP-1,-2 Q315,316
FILTER
DL302
PURE C OUT Q311
SYNC AMP Q328,329
SYNC SEP Q317,318
SYNC
PIX
IC301 DYNAMIC PICTURE
PEDESTAL CLAMP
AUTO PEDESTAL
APL COMP
GAIN CONTROL
H.PULSE SHAPE
PULSE SHAPE
PEAK ABL
GAIN CONTROL
ABL
SW
PEAK ABL Q320
AUTO PEDESTAL Q319
Y. INV Q321
SHARPNESS Q323
Y. AMP Q324
CHROMA AMP Q327
BPF
IC302 Y-C AMP
CONTRAST
SHARP
BPA
ACC DEF
PEDESTAL CLAMP
COLOR CONT
BURST GATE
ACK
APC
R-Y DEM
G-Y MATRIX
B-Y DEM
R AMP
G AMP
B AMP
3.58MHz OSC
BLK
HUE CONT
C
ABL
+12V
PROTECT 1-3 Q701-703
200V
ABL DET Q712
ABL Q713
R.G.B DRIVE Q704-706
R.G.B OUT Q701-703
VIDEO AMP Q707
VM AMP 3-5 Q708-710 Q708-711
VM OUT-1,2 Q711,712
FV
H BLK Q401
VM AMP-1,2 Q402,403
VM DRIVE Q404
VM SW Q405
HP
BLK
D
V.HOLD
SYNC
RV501
V LIN AMP Q501
MOLTIPLER-1-3 Q503,505,507
40V RECT D506
V BIAS D504
V PROTECT D513
140V
OSC
V AMP
TRIGGER
IC501
V DRIVE Q502
V.OUT-1,-2 Q503,504
V BLK D509
BLK Q507,D510
T501 PCT.V
PLS AMP Q1516
+20V
RV504
PARABOLA AMP Q514
PARABOLA OUT Q513
V SAW AMP Q508
V. LPF-2,-3 Q509,510
V. LPF OUT Q511
PIN V. LPF Q512
+15V
PIN TRIGGER Q1505
PIN AMP Q1506
PIN DRIVE Q1504
Y. BOW-1,-2 Q516,515
H CONVERGENCE Q517,D511
V. CENT-1,-2 Q505,506
PIN OUT Q1903
+20V
12V REG Q518,D512
+12V
HV REG-1-3 D1520-1522
HV REG AMP-1-4 Q1508-1511
HV REG DRIVE Q1512
HV REG OUT Q1904
Z
HV CORR-1,2 D1515,1523
AFC
LIMITER
H.OSC
H AMP
REG
CURR SW-1 D1501
CURR SW-2 D1516
IC1501 H OSC
H. DRIVE-1 D1502,Q1501
T1501 HDT
T1502 HDT
H.DRIVE-3 D1513
H.DRIVE-2 D1503
X2
H. CONV Q1902
H OUT Q1901
X1
T1503 HOT
H CONV DAMPER D1514
PIN DAMPER D1505
H.DAMPER D1504
H CENT-1,-2 Q1502,1503 D1506,1509
BOOST D1507
140V
12V REG Q1507,D1519
15V RECT D1517
200V RECT D1512
20V RECT D1518
G2 RECT D1508
40V HP
T1504 DFT
HV PROTECT Q1513,1514,1517,1518,1519,1520 D1529,1530,1532
40V
CY
V.DY
BLK
H CONV
CRT H
200V
CRT G2
H.DY
DF
H OUT
ABL
T1551 FBT
HV
140V
P
VIDEO
E
H OUT
40V
H CONV
BLK
HVR
MVR
FV
DF
RELAY
T602 LFT
120V AC 50/60Hz
S1901 MAIN POWER
T190
DGC
THP601
D621
320V
160V
D622
0V
F
HP
CURR SW Q655,656 D655,664
T652
CONV Q652
OSC Q651
T651
PULSE AMP Q653,D651-653
+12V
D659-662
-12V
+140V
140V RECT D656,657
16V RECT D658
16V
+B(140V)CONT IC651,Q653
(Q102)
PROTECTOR-2 D654
EVP-1,-2 Q654,657
G

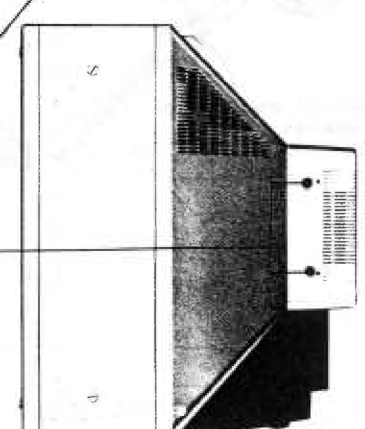
LOCATION AND FUNCTION OF PARTS AND CONTROLS

(behind panel)



❶ MASTER button
❷ POWER lamp
❸ POWER button
❹ MUTING lamp
❺ RGB lamp
❻ NORMAL/RGB button
❼ PICTURE buttons
❽ VOLUME buttons
❾ BRIGHTNESS control
❿ COLOR control
⓫ HUE control
⓬ SHARPNESS control
⓭ V (vertical) HOLD control
⓮ RGB MULTI INPUT connector
⓯ AUDIO INPUT jacks
⓰ VIDEO INPUT jack
⓱ INPUT LEVEL control
⓲ CONTROL INPUT jack
⓳ MULTI INPUT connector
⓴ SPEAKER terminals
㉑ AC OUTLET
㉒ AC power cord
㉓ POWER LOCK switch
㉔ BASS BOOST switch



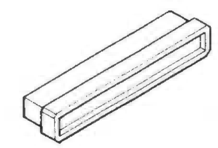


㉕ Speaker attachment holes

(Also located on the opposite side.)

⓮ RGB MULTI INPUT connector (34-pin plug)

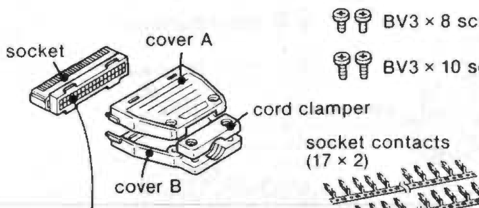
This connector allows a character generator, microcomputer, or a special adaptor for future multiplex letter information broadcasts having digital RGB outputs to be connected.
The connector cover has been attached to this connector at the factory. When this connector is not in use, keep the cover attached.



If the cover is removed, blanking of the composite video signal cannot be made when the NORMAL/RGB button is set to RGB.

When such equipment having digital RGB outputs is connected to this connector, disconnect the connector cover and proceed as follows by using the supplied 34-pin socket.

34-PIN SOCKET PARTS



Position number	Signal to be connected	Position number	Signal to be connected
1	not in use	18	not in use
2	not in use	19	not in use
3	Ground	20	not in use
4	Ground	21	Level select
5	Ground	22	not in use
6	Ground	23	not in use
7	Ground	24	not in use
8 *	Ground (red return)	25 *	Red input
9 *	Ground (green return)	26 *	Green input
10 *	Ground (blue return)	27 *	Blue input
11	Ground	28	not in use
12 *	Ground (blanking return)	29 *	Blanking input
13 *	Ground (composite sync return)	30 *	Composite sync or H sync
14	not in use	31	V sync
15	Ground	32	Half blanking
16	Ground	33	Normal/RGB select
17	not in use	34	not in use

* For No. 25 and 8, 26 and 9, 27 and 10, 29 and 12, or 30 and 13 connections, use a twisted-pair lead when the signal level is TTL, or a coaxial cable when the signal level is 1V p-p.

(1) Solder each l

1. Place the lead

Remove the covering. —

2. Fix th

3. Tighten the tab slightly.

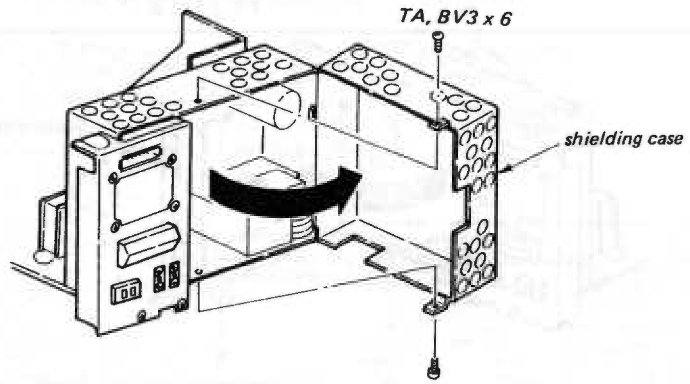
4. Solder the con Take care not t dicated by the

5. After soldering moving it upwa

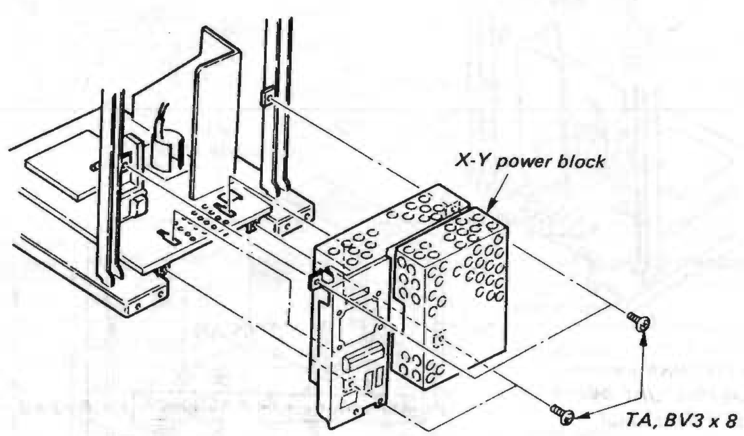
(2) Connect the Refer to the cha

For positions 1–1 flat side downwa

2-3. OPEN THE SHIELDING CASE AS SHOWN

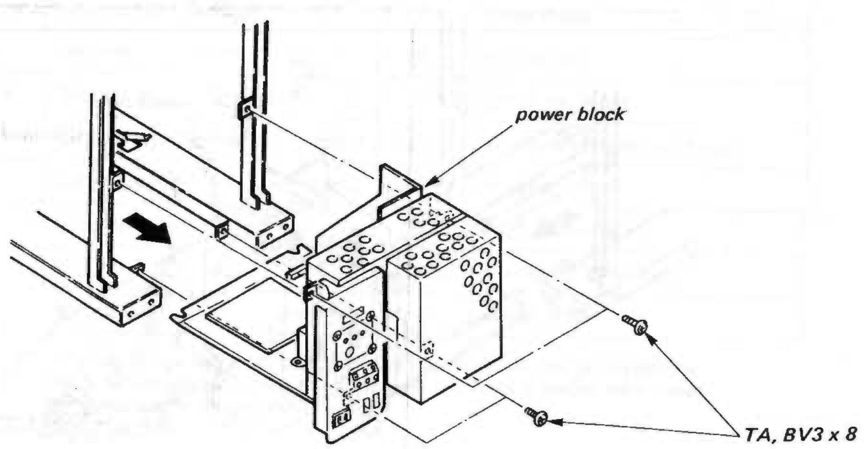


2-4. X-Y POWER BLOCK REMOVAL

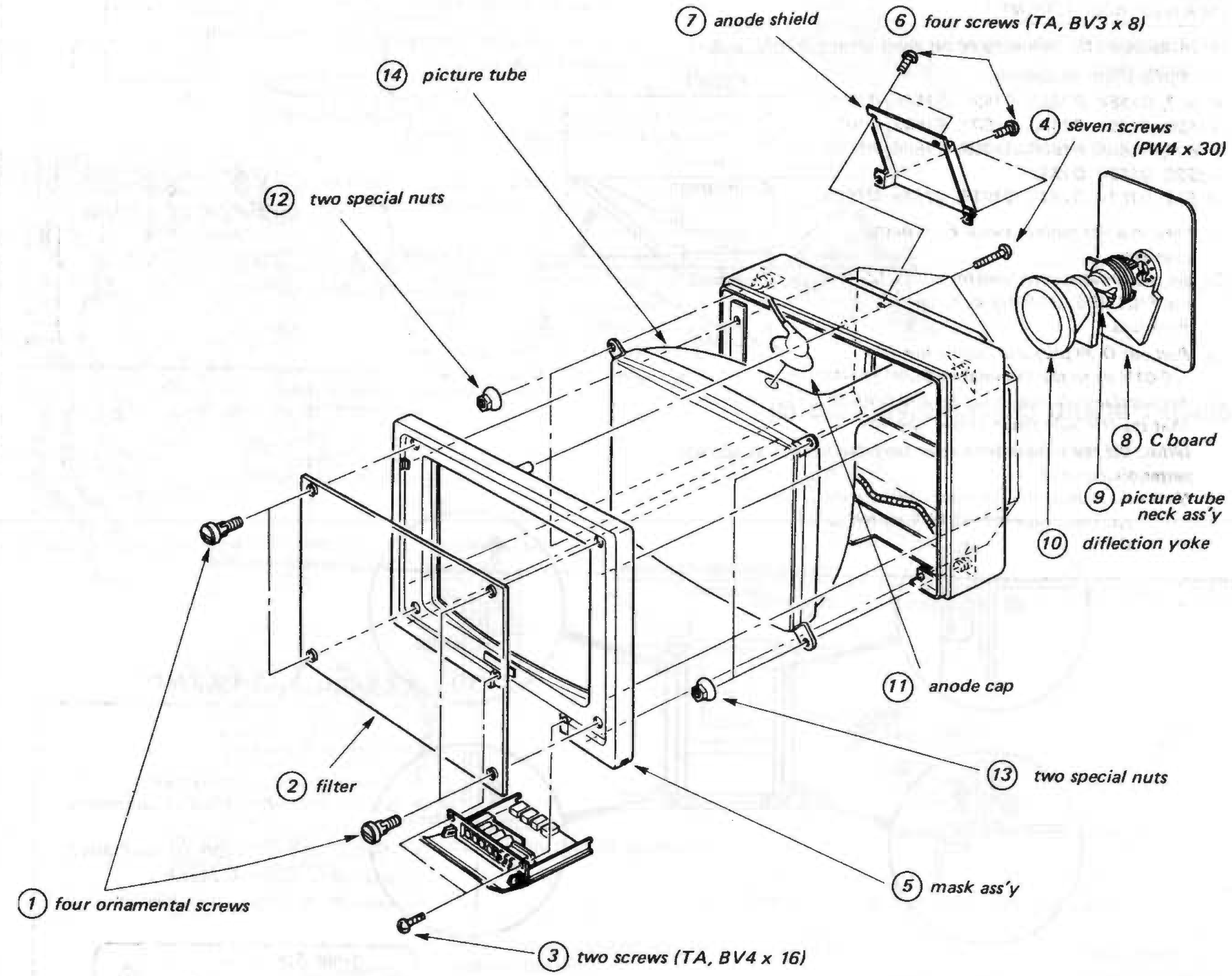


2-5. POWER BLOCK REMOVAL

Take out the heat sink, rear panel assembly, FBT, power transformer, and the X-Y power block by pulling them backward as shown.



2-6. PICTURE TUBE REMOVAL



SECTION 3
ADJUSTMENTS

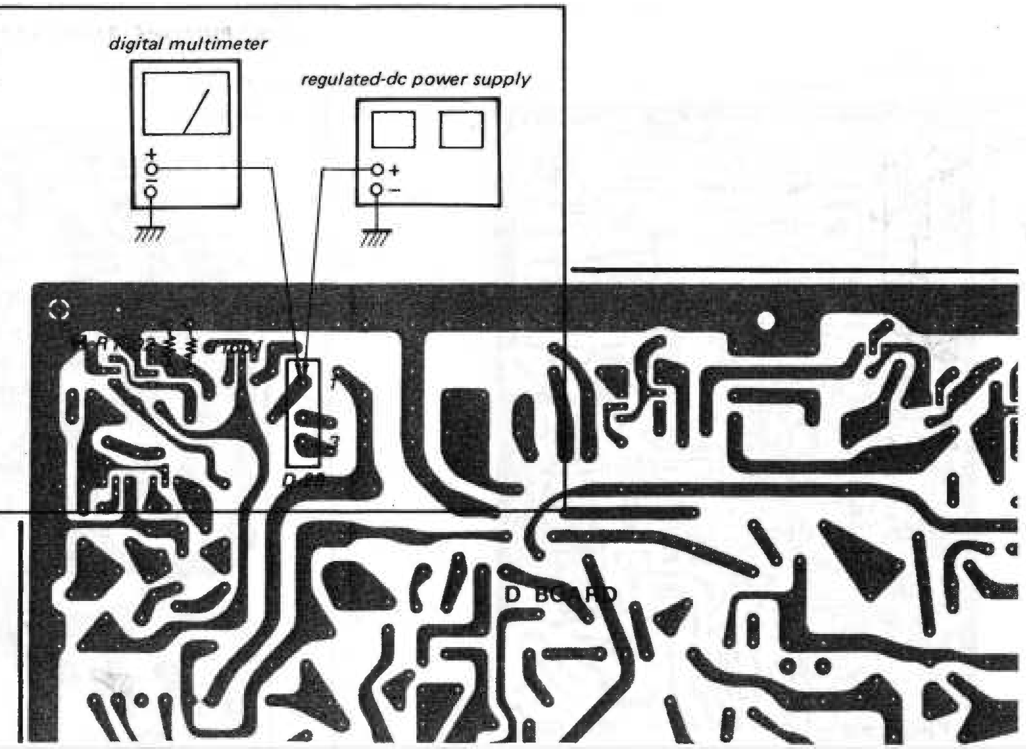
3-1. D BOARD ADJUSTMENT

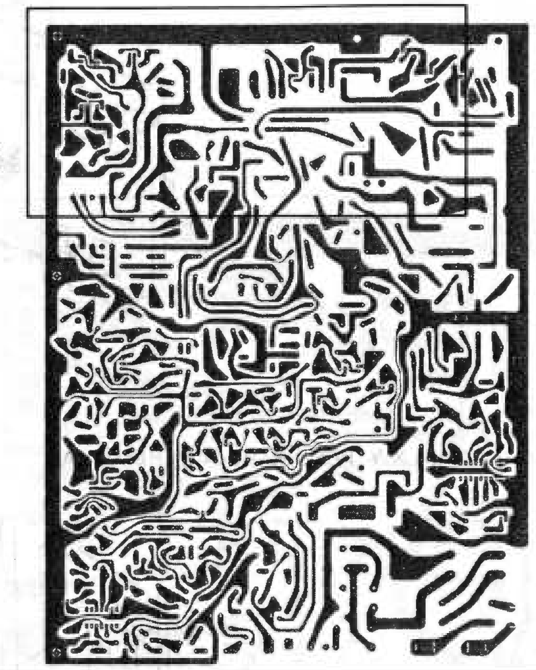
R1602 ADJUSTMENT

When replacing the following components, make this adjustment.

R1507, R1584, R1593, R1595, R1596, R1597, R1598, R1599, R1600, R1601, R1602, R1603, R1604, R1605, R1606, R1608, R1609, R1610, D1529, D1530, D1532, Q1513, Q1514, Q1517, Q1518, Q1519, Q1520

1. *Feed in a dot pattern signal from patter generator.*
2. *Set the variable auto-transformer to 120V ac and PICTURE, BRIGHT controls to minimum.*
3. *Pull out D-29 plug and supply the 16.11 ± 0.01V dc to the terminal of D-29 ① with the regulated-dc power supply and confirm that the HV hold down circuit operates. (When the HV hold down circuit operates, raster disappears.)*
   Note: As soon as the HV hold down circuit operates, turn the POWER switch to OFF.
4. *Supply the 15.95 ± 0.01V dc to the terminal of D-29 ① and confirm that the set is normally operated.*
5. *Receive a white pattern.*
6. *Set the PICTURE, BRIGHT controls to maximum.*
7. *Supply the 15.54 ± 0.01V dc to terminal of D-29 ① and confirm that the HV hold down circuit operates.*
8. *Supply the 15.38 ± 0.01V dc to the terminal of D-29 ① and confirm that the set is normally operated.*
9. *Connect the D-29 plug.*
10. *If step 1 – 8 are not satisfied, select the resistance value of R1602 and repeat above step.*

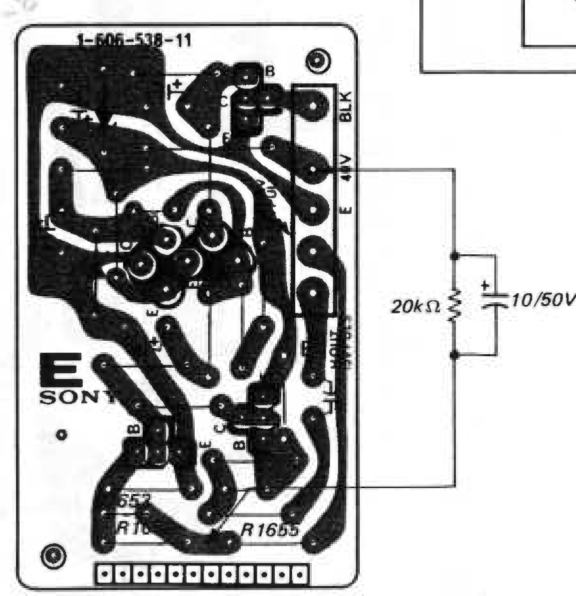




3-2. C BOARD ADJUSTMENTS

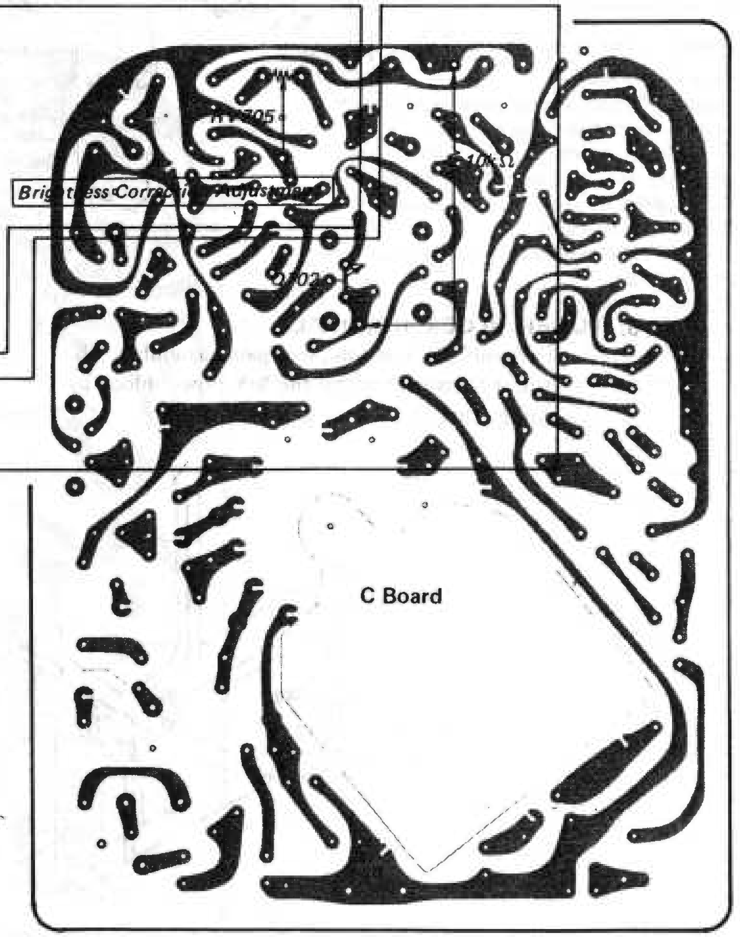
Check of the protector

1. *Receive a monoscope pattern.*
2. *Set the PICTURE, BRIGHT controls to maximum.*
3. *Connect a network (20kΩ, 10μF/50V) and 10kΩ resistor as shown.*
4. *Confirm that the picture disapper.*



Brightness Correction Adjustment

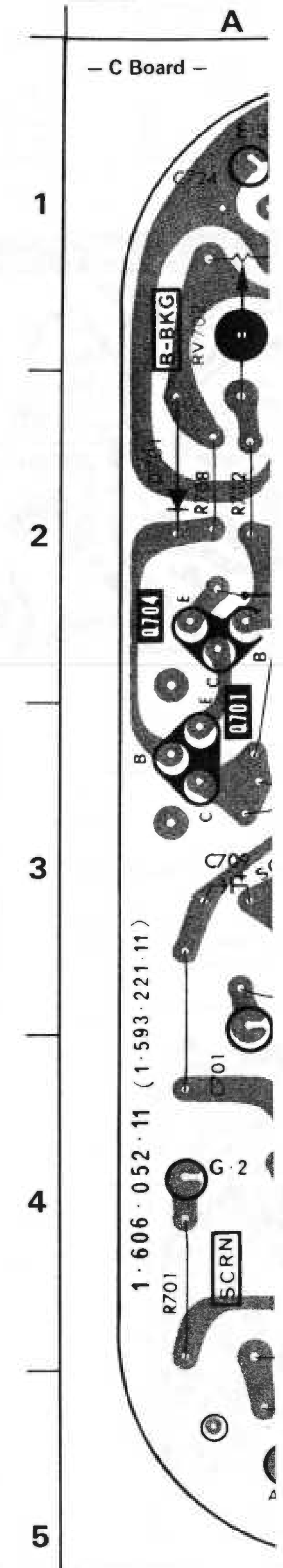
1. *Tune in an RF signal.*
2. *Hold the COLOR (white) control down to receive a black-and-white picture. Push the bottom of the PICTURE control to get the darkest picture (PICTURE 0%). Set the BRIGHT control at mechanical center (click position).*
3. *Adjust RV705 to cut off the darkest part of the picture.*
4. *Check each channel to make sure that the black level is not excessive.*

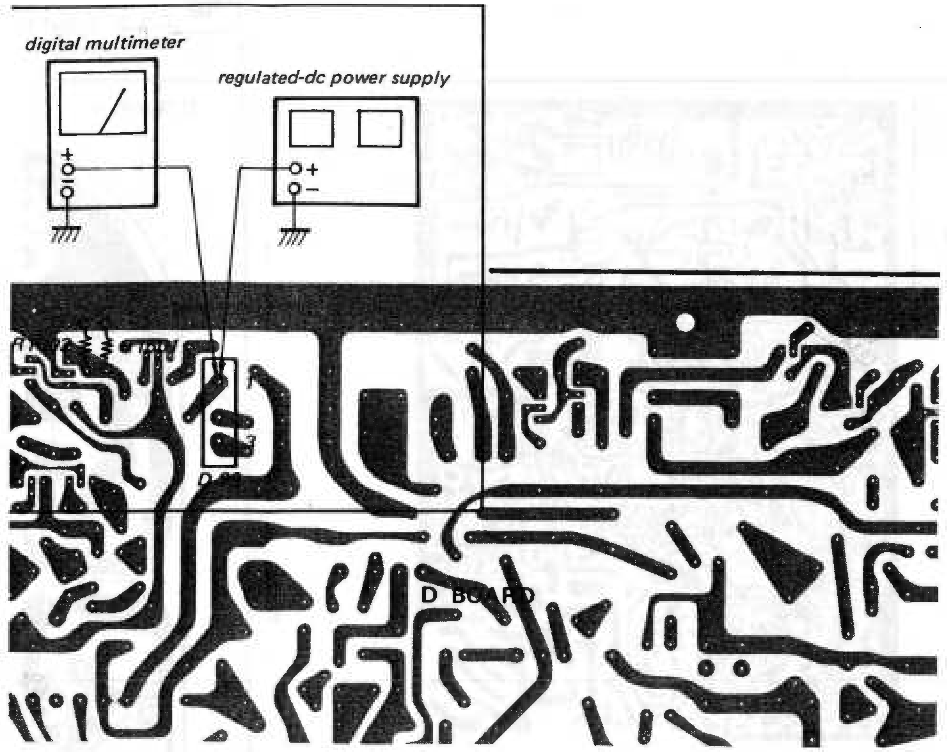


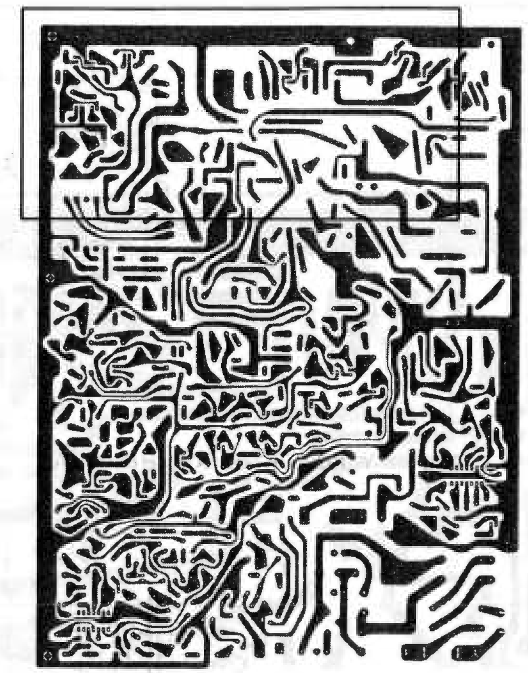
4-1. MOUNTING
– Conductor

C [R. G. B OUT]

– C Board –

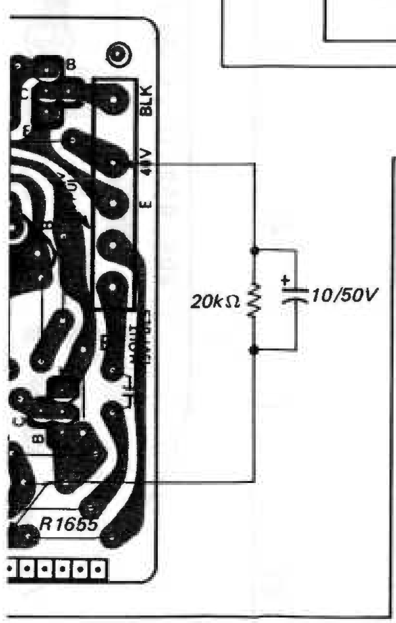






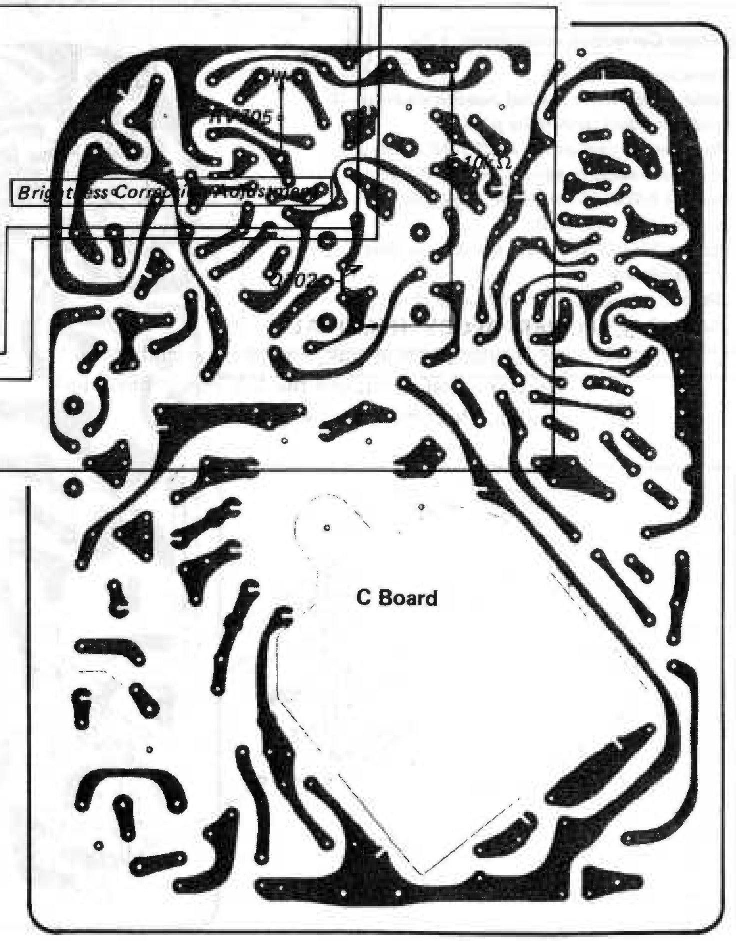
...STMENTS

...pe pattern.
...BRIGHT controls to
...(20kΩ, 10μF/50V)
...s shown.
...icture disapper.



Brightness Correction Adjustment

1. *Tune in an RF signal.*
2. *Hold the COLOR (white) control down to receive a black-and-white picture. Push the bottom of the PICTURE control to get the darkest picture (PICTURE 0%). Set the BRIGHT control at mechanical center (click position).*
3. *Adjust RV705 to cut off the darkest part of the picture.*
4. *Check each channel to make sure that the black level is not excessive.*

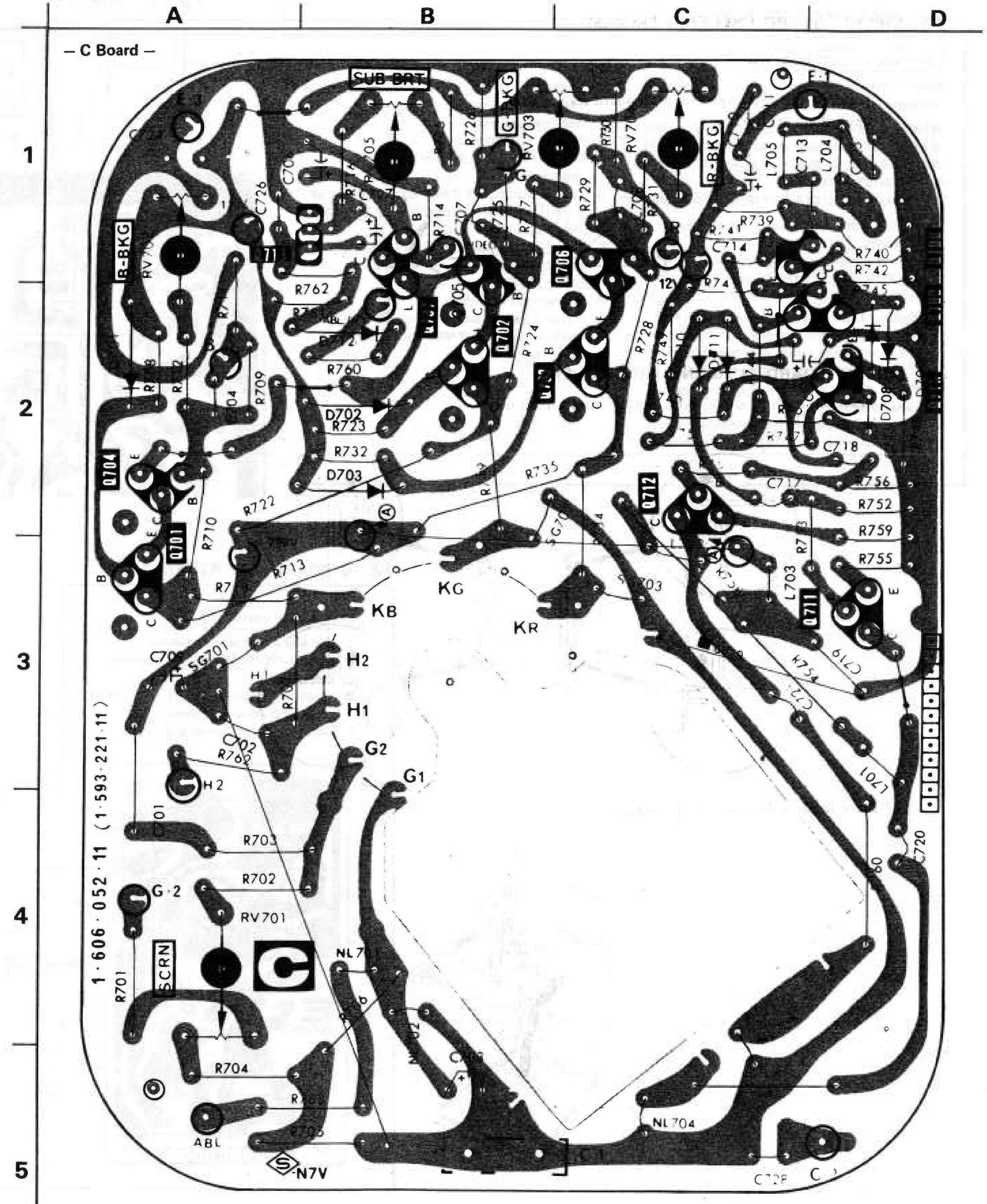


SECTION 4 DIAGRAMS

4-1. MOUNTING DIAGRAM

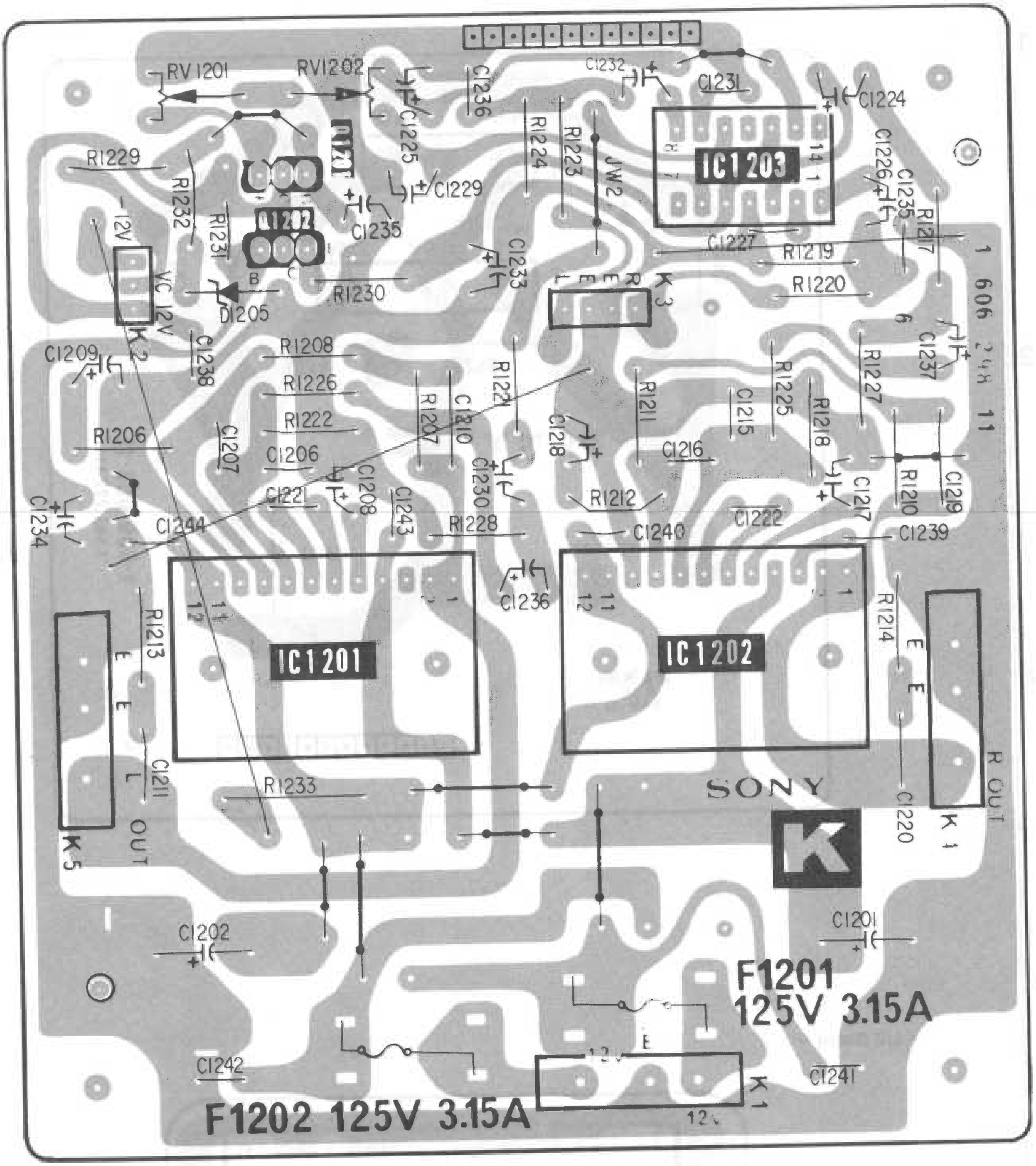
– Conductor Side –

C [R. G. B OUT]



A	B	C	D

– K Board –



1

2

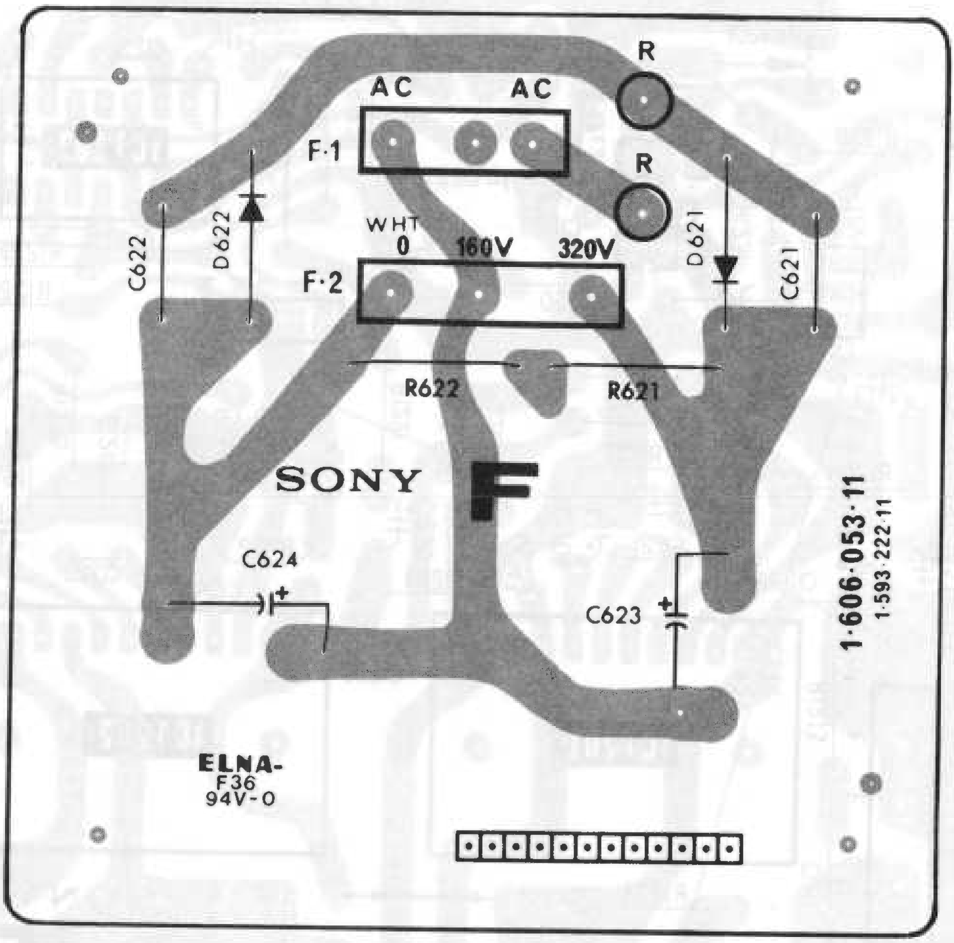
3

4

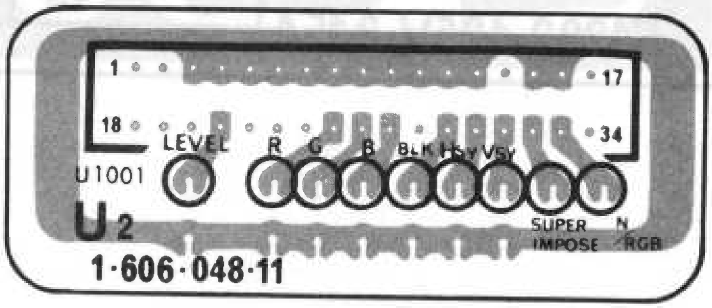
5

F [LIVE RECT] U2 [INPUT TERMINAL]

– F Board –



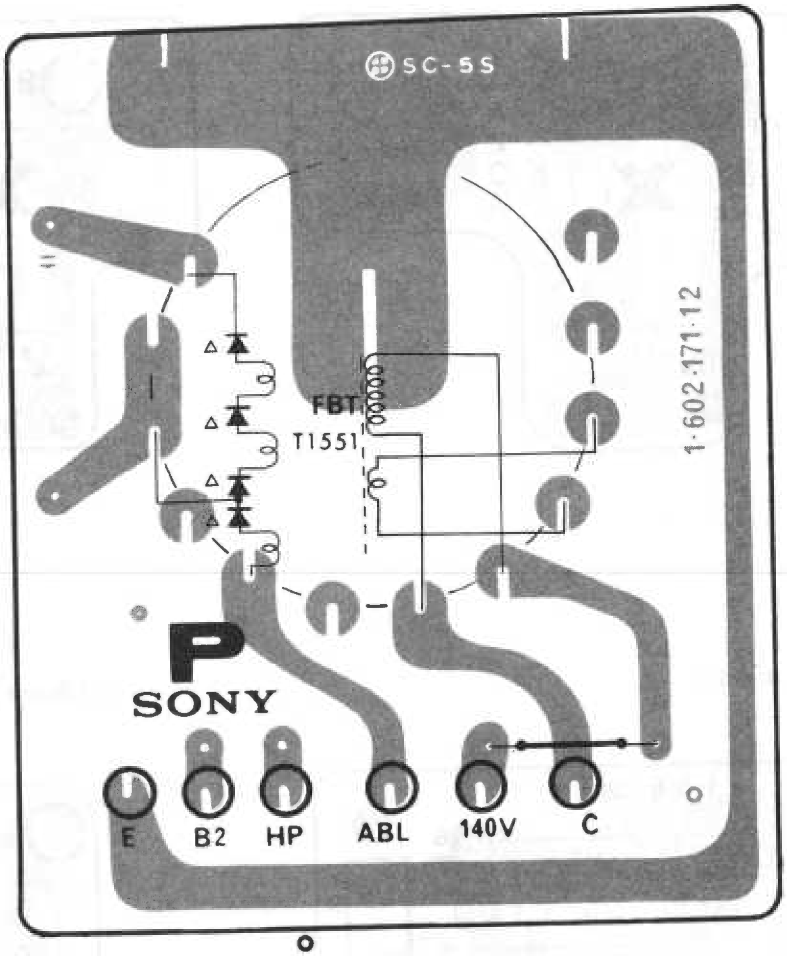
– U2 Board –



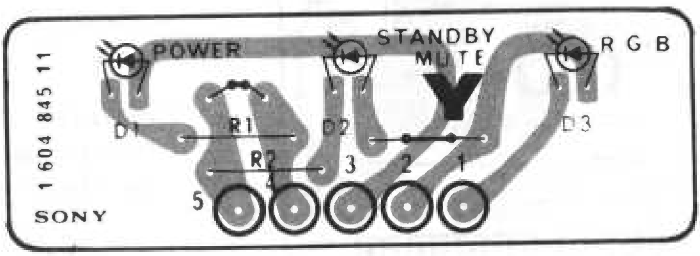
A B C D

1 2 3 4 5

– P Board –



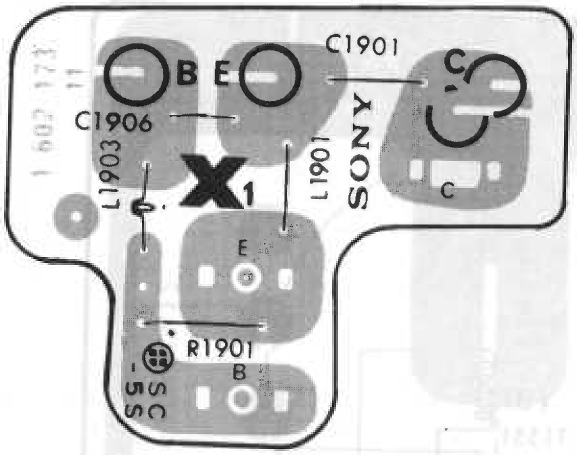
– Y Board –



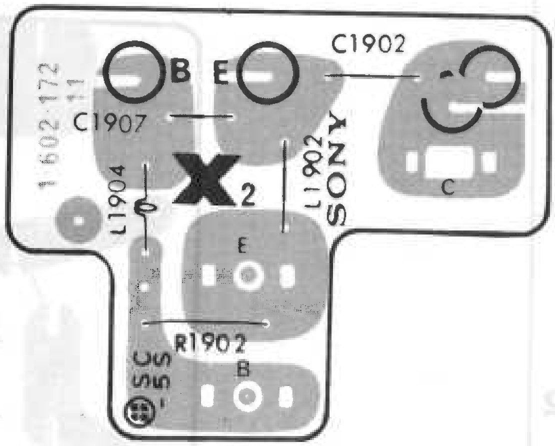
X1 [H OUT] **X2** [H CONV OUT] **E** [PROTECTOR] **Z** [HV REG OUT]

A B C D

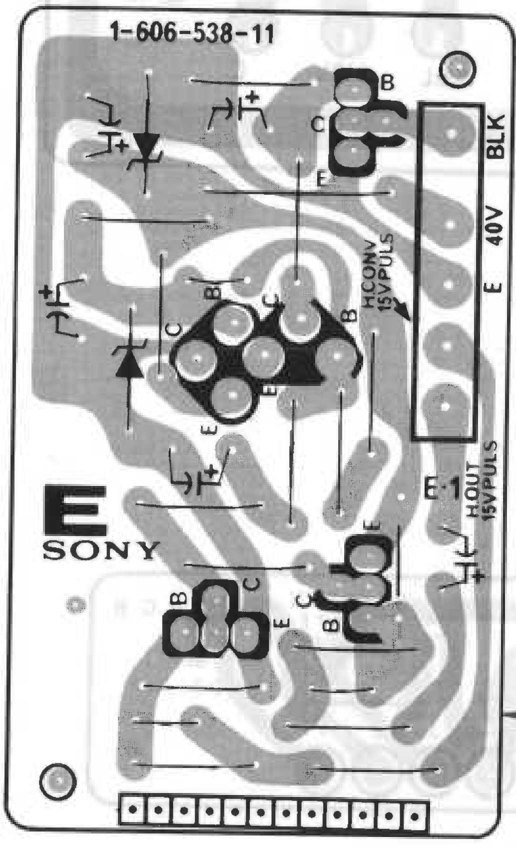
— X1 Board —



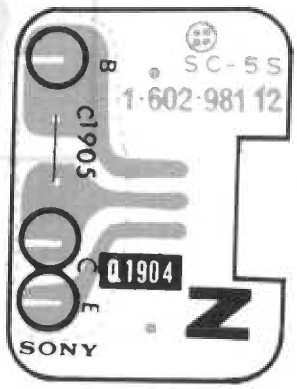
— X2 Board —



— E Board —



— Z Board —

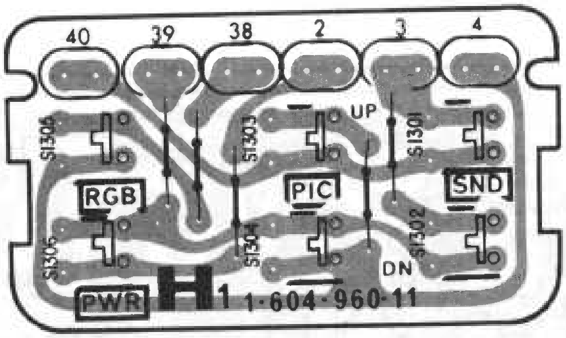


CAUTION
Do not replace parts on E board, replace the complete circuit board only.

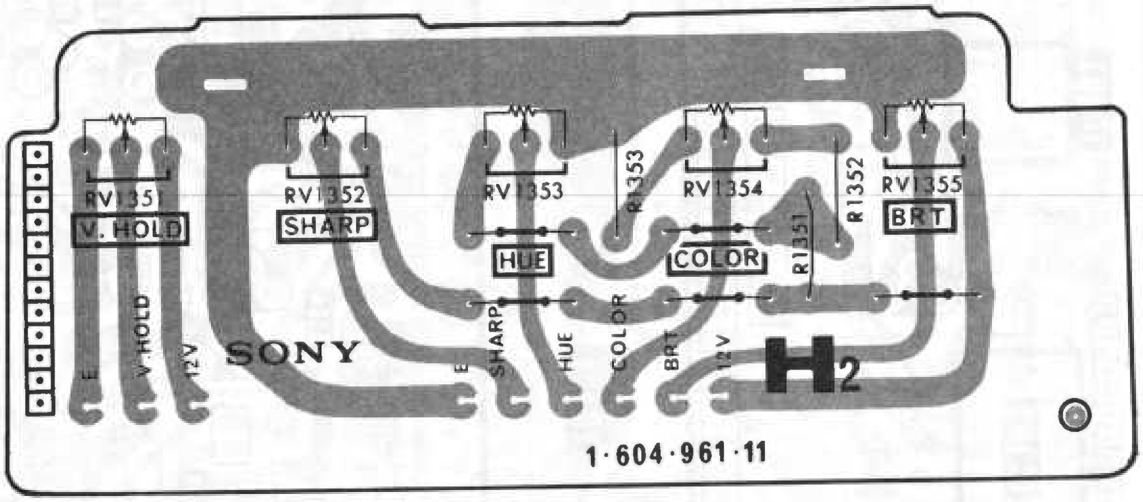
A B C D

1 2 3 4 5

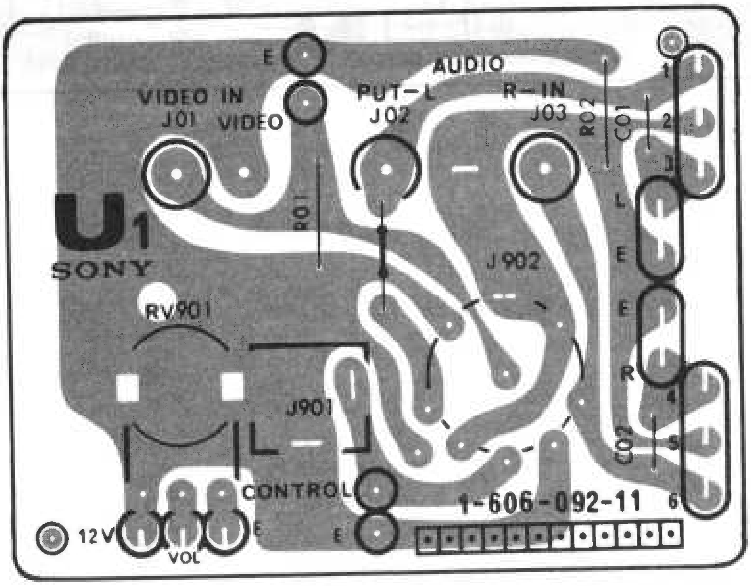
– H1 Board –



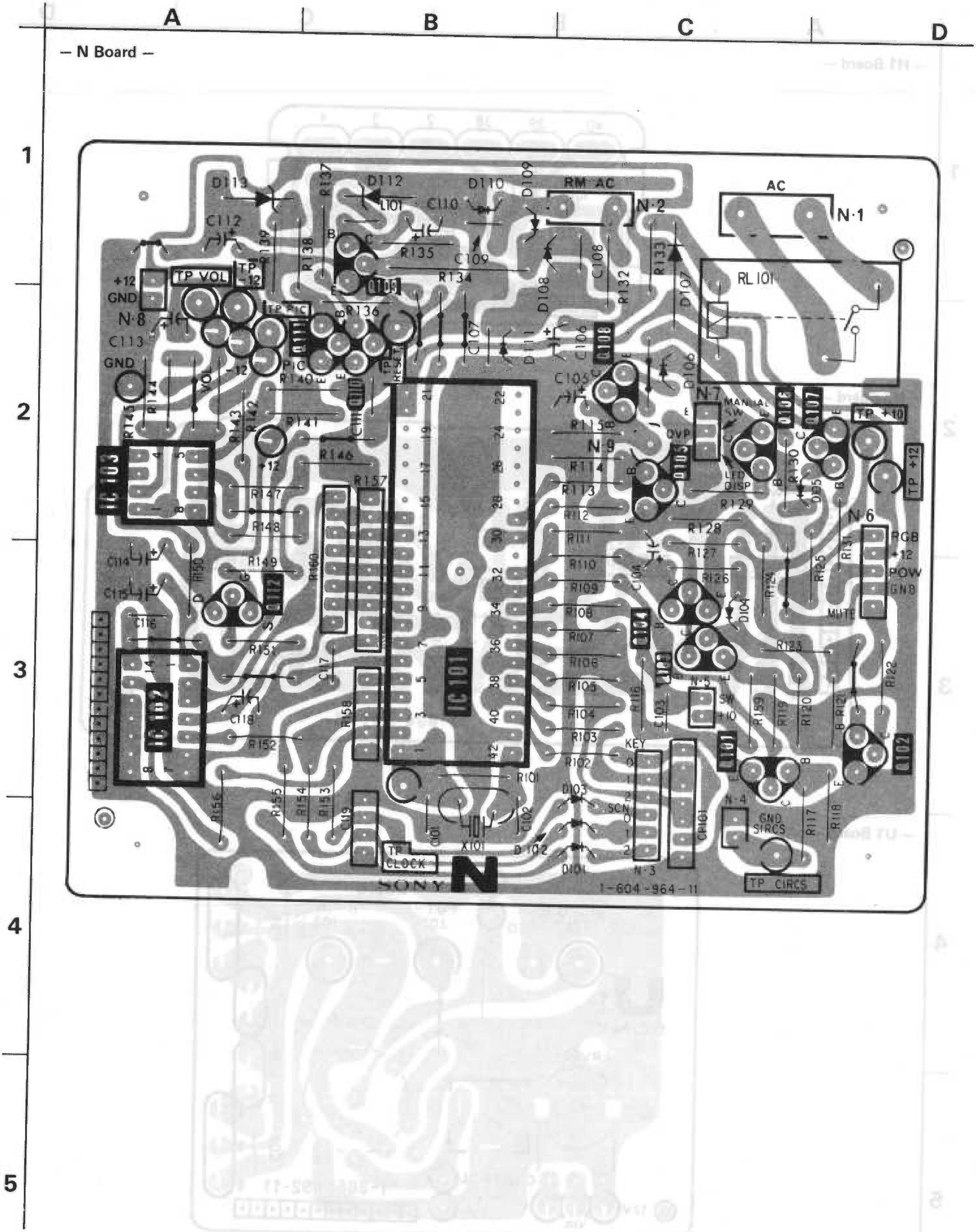
– H2 Board –



– U1 Board –



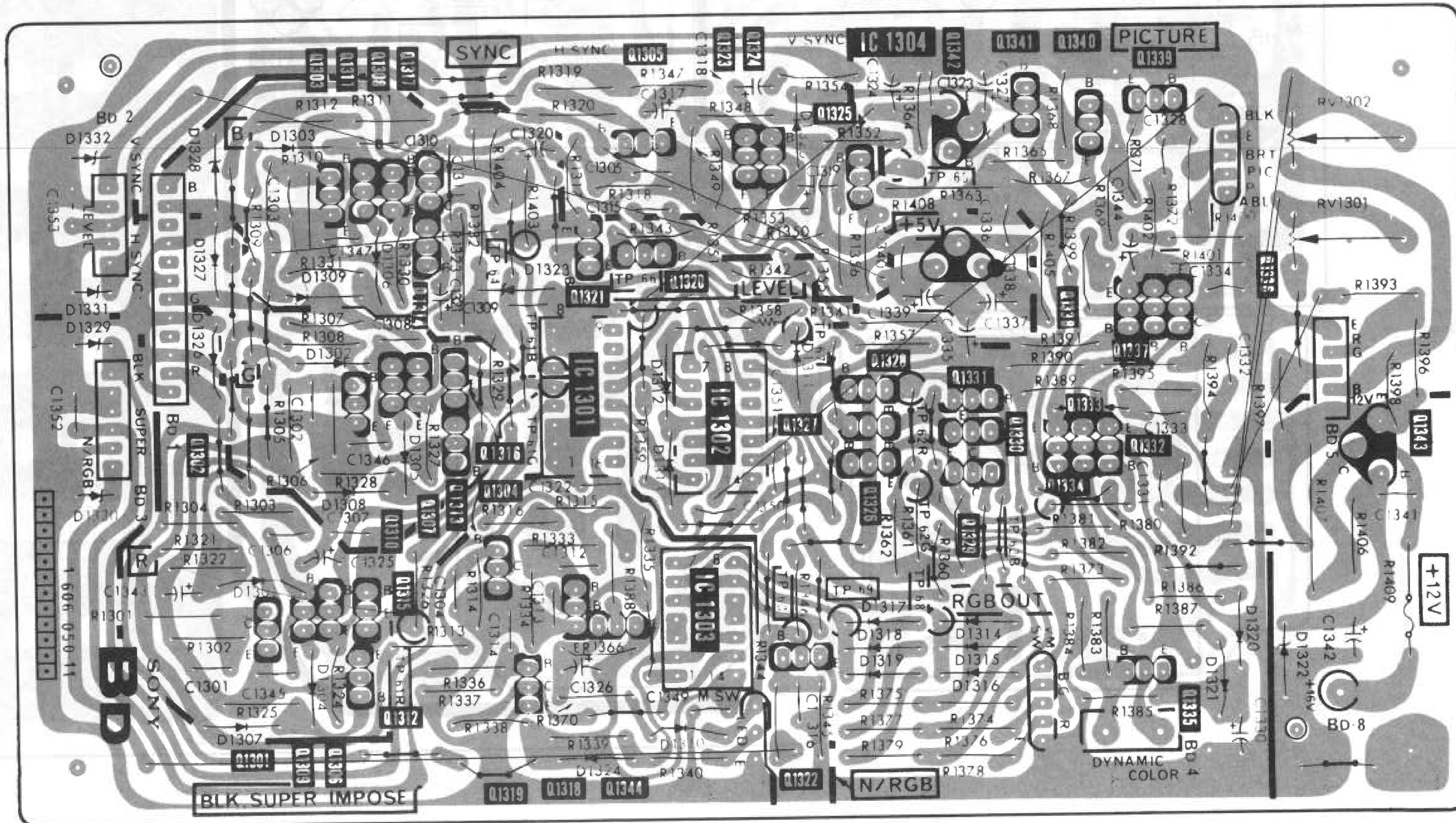
N [DECODER]


A
B
C
D
1
2
3
4
5
— N Board —
D113
D112
D110
D109
RM AC
N·2
AC
N·1
RL 101
C112
C110
R135
C109
R134
R136
C108
R132
R133
D107
D108
D106
C107
C106
Q108
C105
TP VOL
+12
GND
N·8
C113
GND
R144
R145
R143
R142
R140
R141
R146
R138
R137
R139
D111
IC 101
IC 102
IC 103
R147
R148
R149
R150
R151
R152
R153
R154
R155
R156
R157
R158
R160
C114
C115
C116
C117
C118
C119
Q112
N·7
N·9
Q105
Q106
Q107
TP +10
TP +12
R115
R114
R113
R112
R111
R110
R109
R108
R107
R106
R105
R104
R103
R102
R101
R116
R117
R118
R119
R120
R121
R122
R123
R124
R125
R126
R127
R128
R129
R130
R131
C101
C102
C103
C104
D101
D102
D103
D104
D105
Q101
Q102
Q103
Q104
N 6
RGB
+12
POW
GND
MUTE
N·5
N·4
N·3
KEY
SCN
GND
SIRCS
TP CIRCS
X101
TP CLOCK
CP101
OVP
LED DISP
MANUAL SW
SONY
N
1-604-964-11

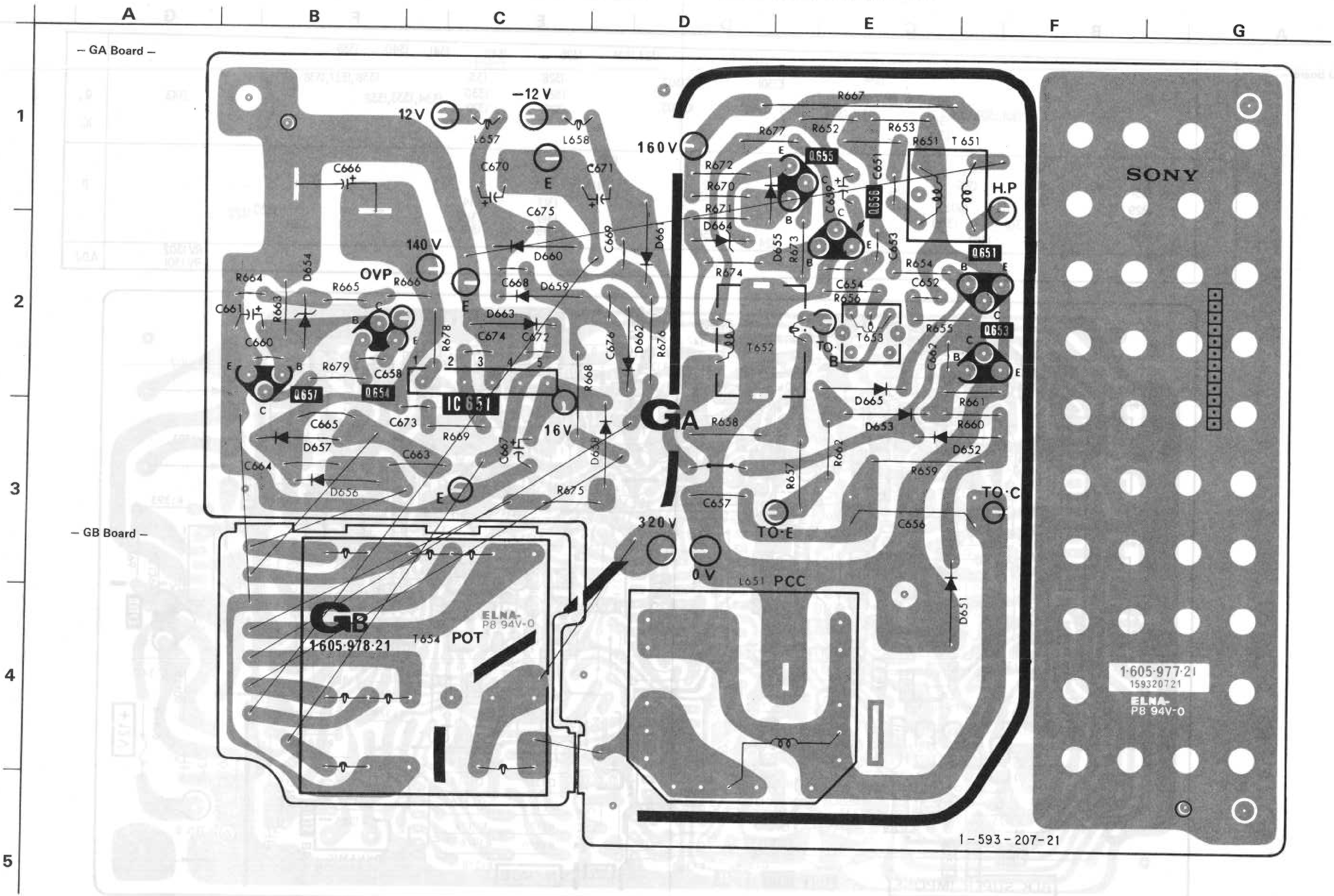
BD [INTEREFERENCE] BD

– BD Board –

	A	B	C	D	E	F	G
Q, IC			1303, 1311, 1308, 1317, 1314, 1302, 1310, 1307, 1316, 1301, 1309, 1306, 1315, 1312, 1313, 1304	1305, 1321, 1320, IC1301, 1319, 1318, 1344, IC1302, IC1303, 1323, 1324	1325, 1328, 1327, 1326, 1342, IC1304, 1331, 1330, 1329	1341, 1340, 1339, 1338, 1337, 1336, 1334, 1333, 1332, 1335	1343
D		1332, 1331, 1329, 1330, 1328, 1327, 1326, 1301, 1307	1303, 1309, 1302, 1308, 1304, 1306, 1305	1312, 1313, 1310, 1324	1325, 1311, 1317, 1318, 1319, 1314, 1315, 1316	1321, 1320	1322
ADJ							RV1302, RV1301



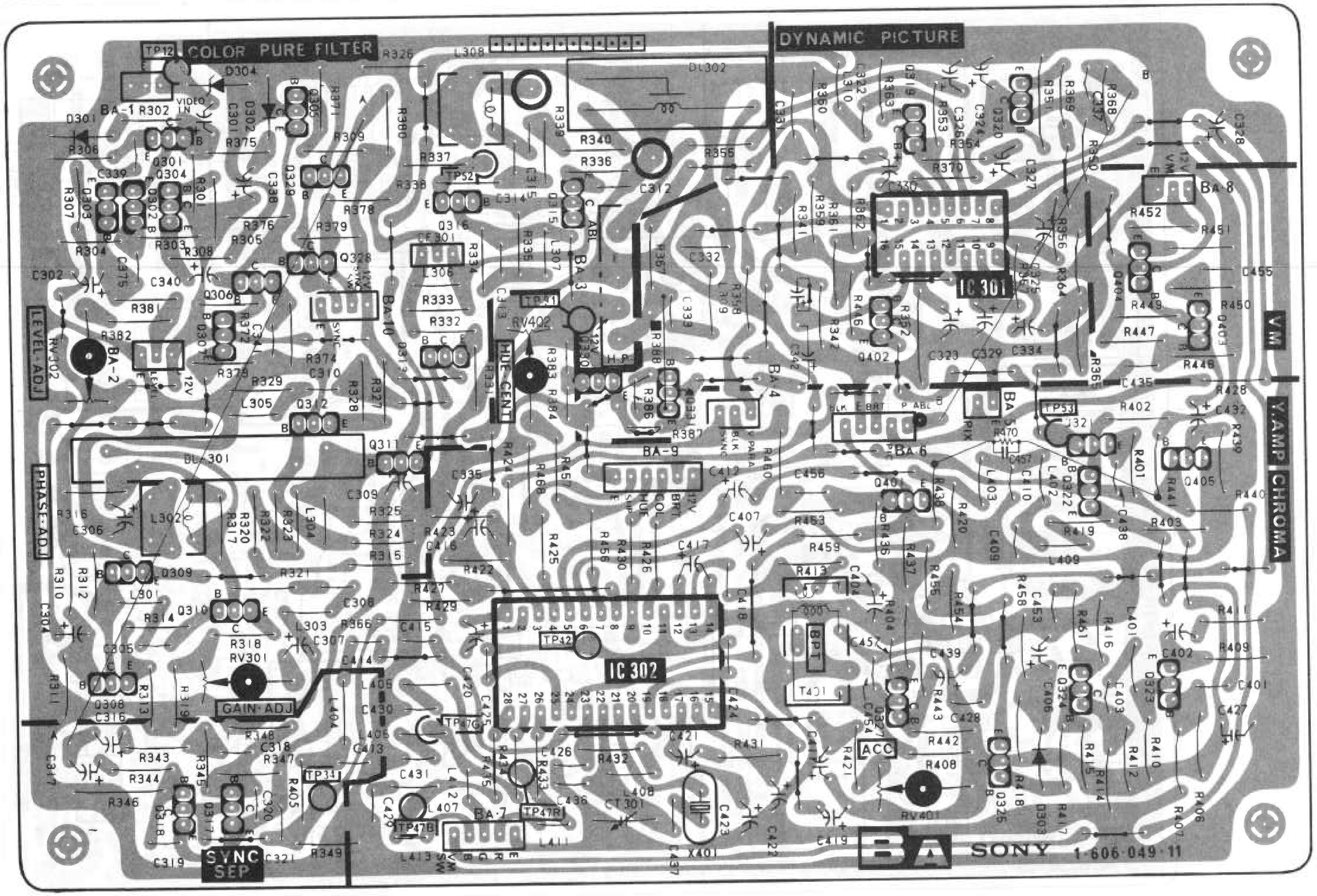
GB GA GA GB [POWER SUPPLY]



[VIDEO DRIVE, CHROMA, DYNAMIC PICTURE, VM DRIVE, Y AMP] **BA** **BA**

– BA Board –

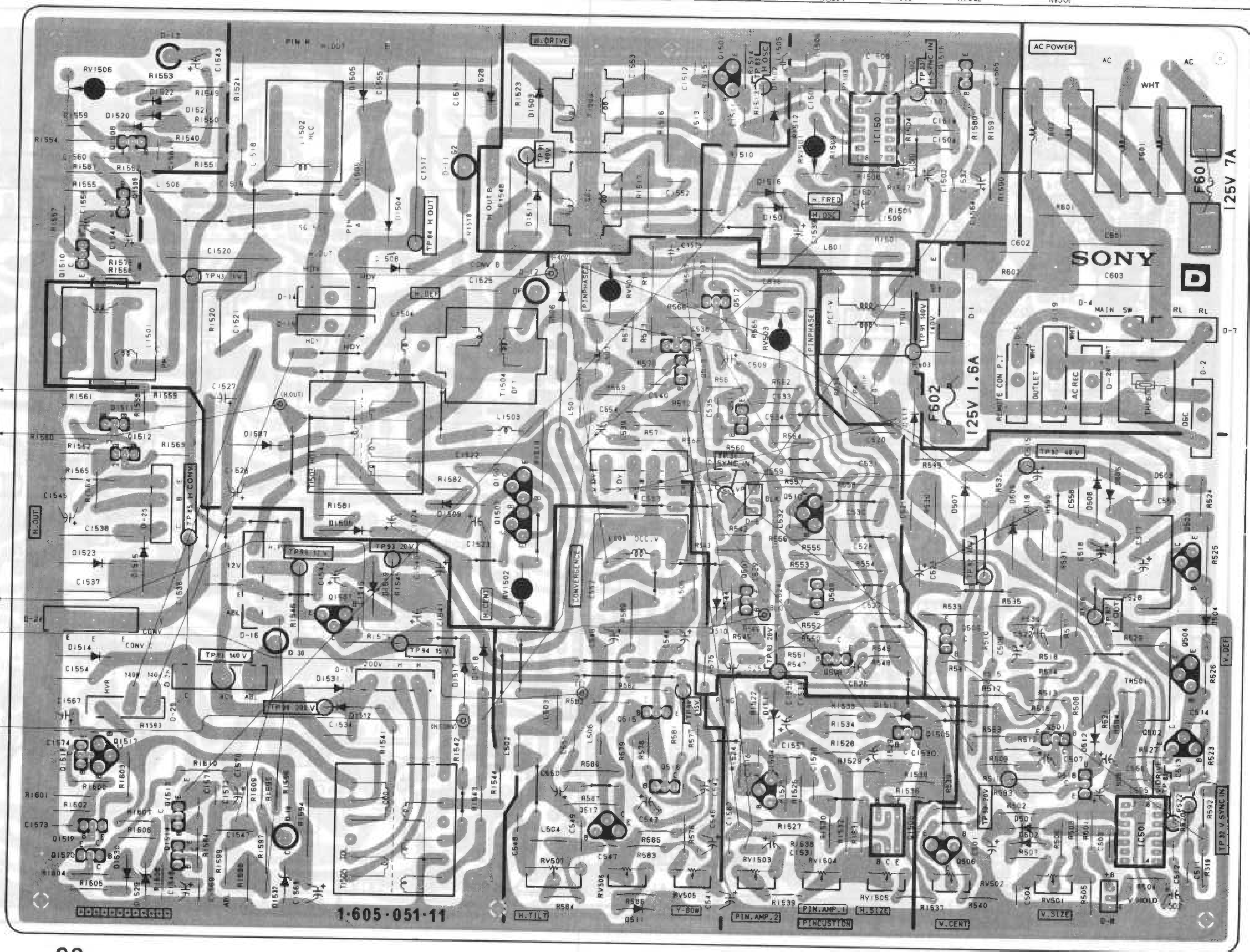
	B	C	D	E	F	G
Q, IC	301, 303, 302, 304, 309, 308, 307, 310, 318	317, 305, 329, 306, 328, 312, 311, 316, 313	315, IC302	319, 402, IC301, 401, 327	320, 321, 322, 325, 324	404, 403, 405, 323
D	301	302			303	
ADJ		RV301	RV402		RV401	



D **D** [SYNC, PIN AMP, H DEF, V DEF]

– D Board –

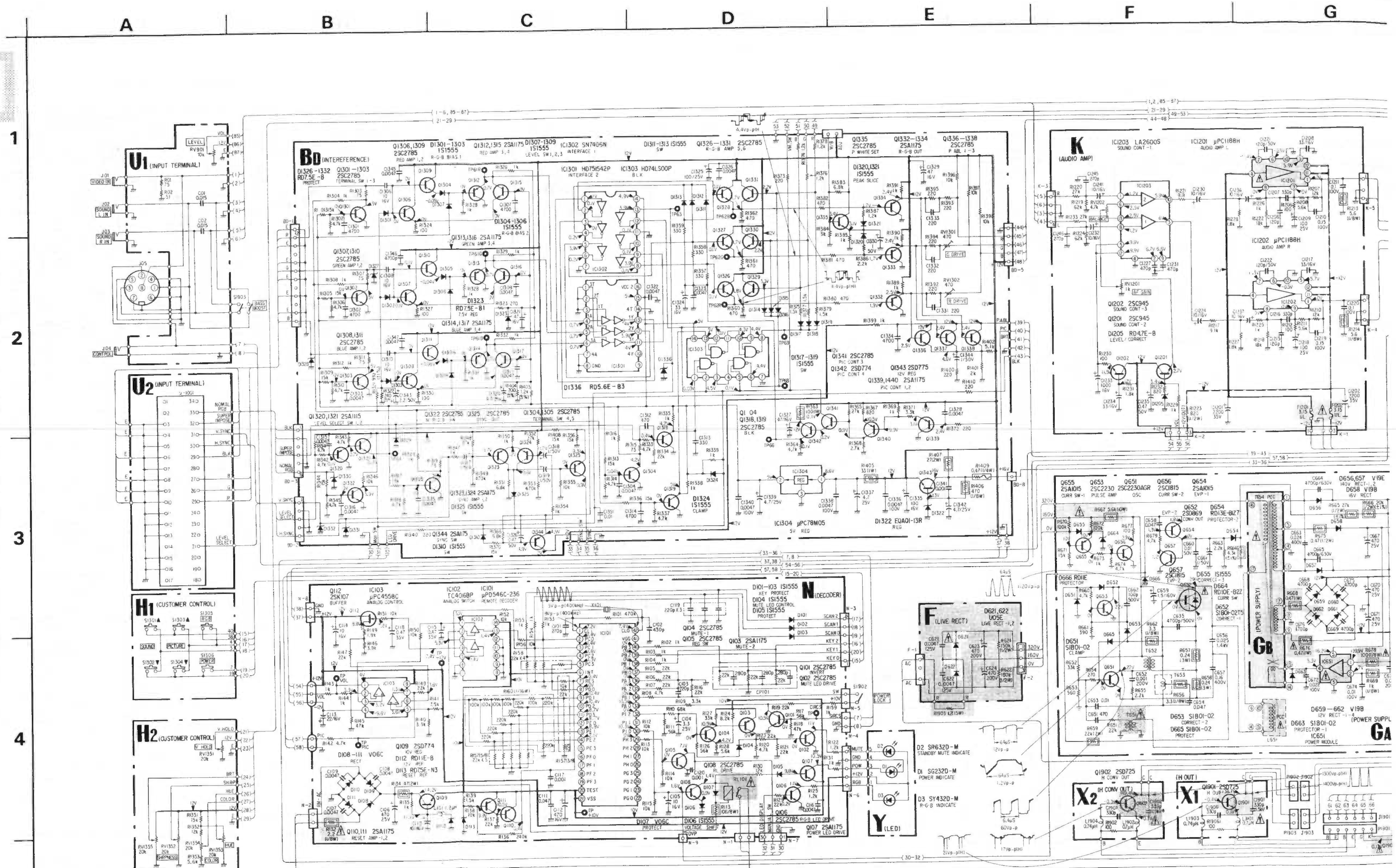
	A	B	C	D	E	F	G
Q, IC		1508, 1509, 1510, 1511, 1512, 1518, 1517, 1519, 1520, 1513, 1514	1507	1503, 1502, 514, 513, 515, 516, 517	1501, 512, 511, 510, 507, 509, 508, 1504, IC1501, 1505, 1506, 505, 506	1516, 501, 518, IC501	503, 504, 502
D		1522, 1521, 1520, 1523, 1514, 1515, 1530, 1529	1507, 1505, 1504, 1508, 1506, 1531, 1512, 1519, 1532	1509, 1528, 1518, 1517	1503, 1513, 506, 511, 510, 1502, 1516, 1501, 1511, 513, 1510	507, 509, 501, 502, 508, 505, 512, 503	504
ADJ		RV1506		RV1502, RV507, RV504, RV506, RV505	RV1503, RV503, RV1501, RV1504, RV1505	RV502, RV501	



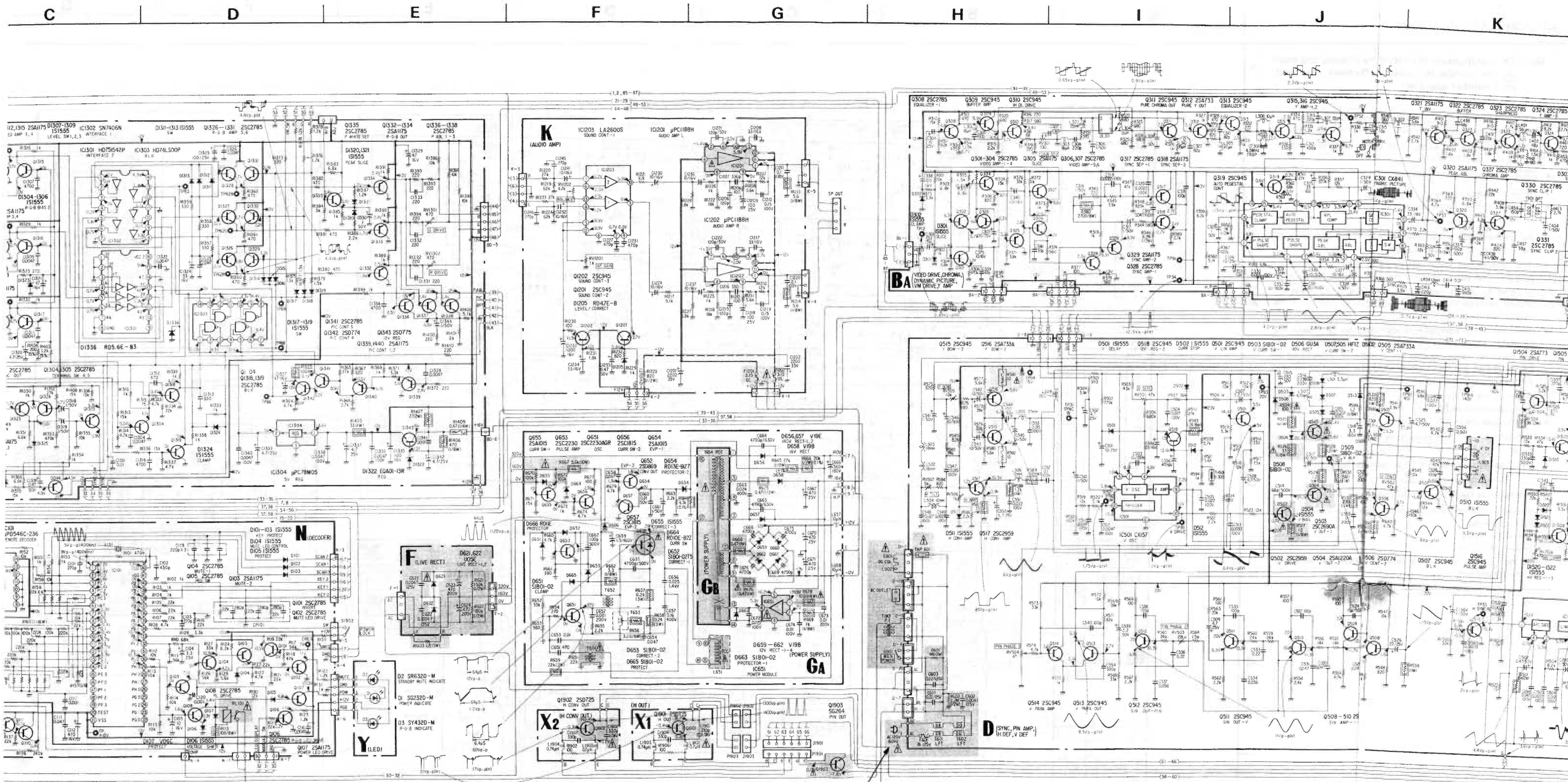
3-2. SCHEMATIC DIAGRAM

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics.
- All resistors are in ohms, ¼ W unless otherwise noted. k: 1000 Ω, M: 1000 kΩ
- [symbol] : nonflammable resistor.
- [symbol] : fusible resistor
- △ : internal component.
- [ ] : panel designation.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- The components identified by [symbol] in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by [symbol], make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by [symbol] and repeat the adjustment until the specified value is achieved.
- Refer to the service manual for the adjustment of components identified by [symbol].
- All voltages are in V.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 M ohm-per-volt DMT.
- [ ] : adjustment for repair.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- ——— : B+ bus.
- - - - : B- bus.
- Do not replace parts on E board, replace the complete circuit board only.



CAUTION:
This set is equippe
of the plug is wid
specified part nu

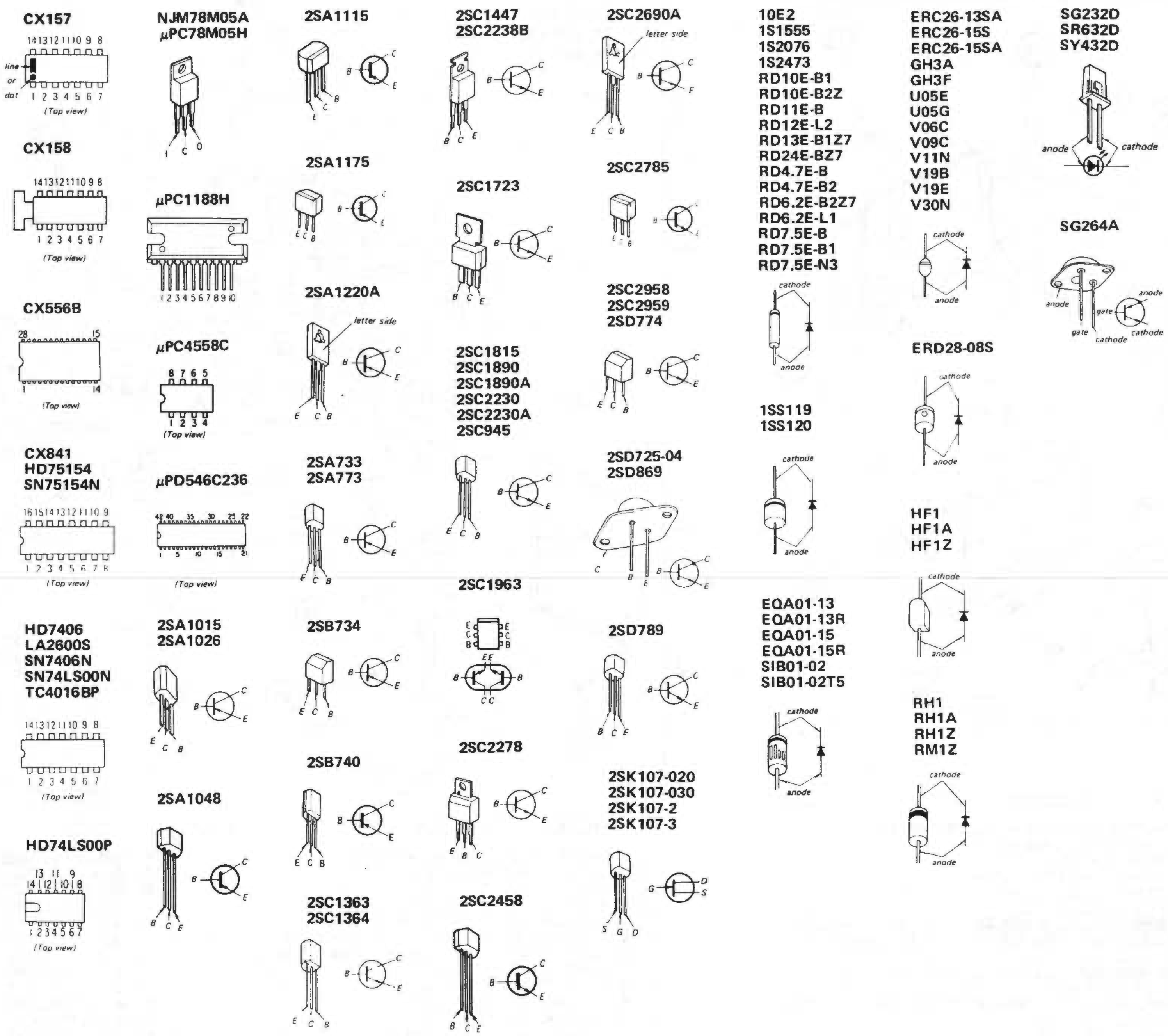


CAUTION:
This set is equipped with a polarized AC power cord plug (one blade of the plug is wider than the other), be sure to use it having the specified part number and connect it as shown in this diagram.

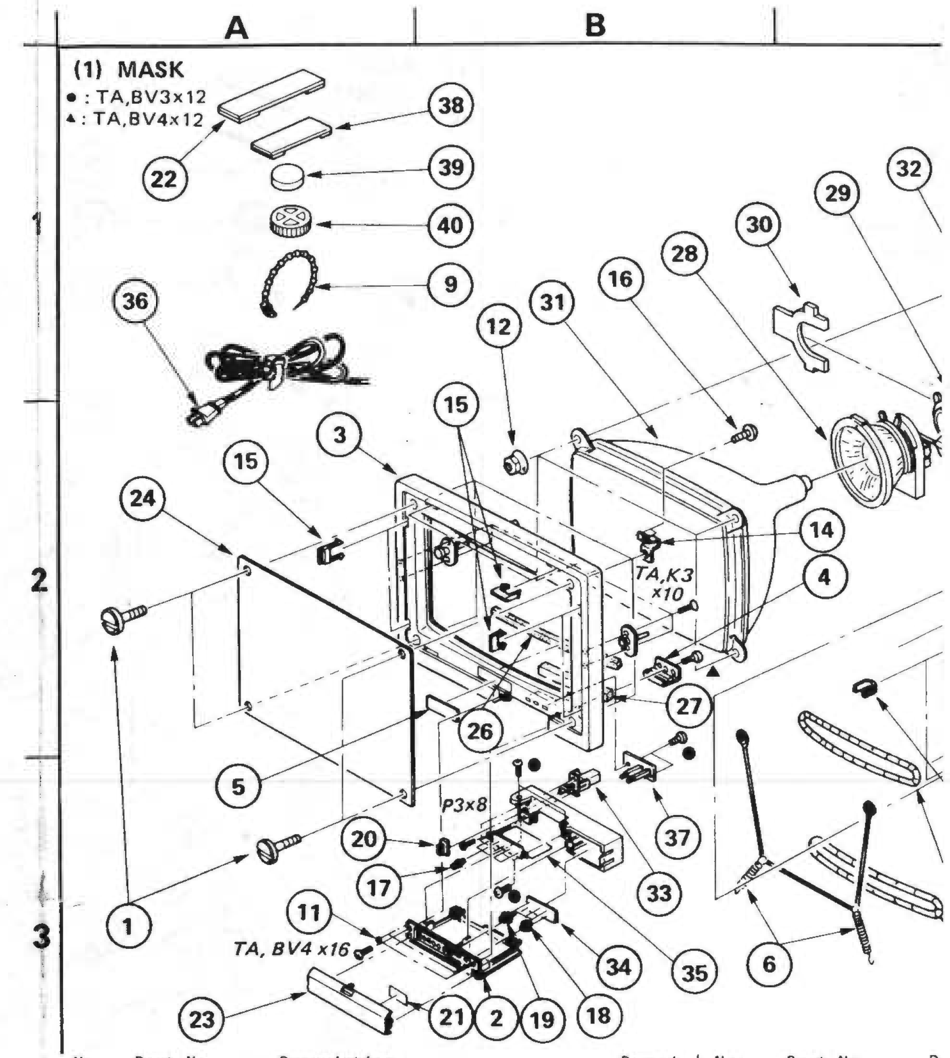
CAUTION
When replacing either transistor Q1519 or Q1520, coincide h_{FE} ranks of them.

hFE Ra

4-3. SEMICONDUCTORS



SECTION 5
EXPLODED VIEWS



No.	Part No	Description	Remark
1	X-433-680-50	SCREW, ORNAMENTAL	
2	X-4354-301-0	PANEL ASSY, CONTROL	
3	X-4342-004-5	BEZEL ASSY	4,5,14,15, 16,26,27
4	X-4342-008-0	RETAINER ASSY, FILTER	
5	3-701-912-00	EMBLEM, SONY, (LARGE)	
6	4-303-774-XX	SPRING	
7	4-304-511-00	NUT, FLANGE	
8	4-305-021-00	SCREW, TAPPING, TERMINAL, +BV3X8	
9	4-308-870-00	CLIP, LEAD WIRE	
10	4-310-778-00	CUSHION (A), CRT	
11	4-316-264-11	CUSHION	
12	4-330-305-00	NUT, SPECIAL	
13	♠:4-330-306-00	BUSHING, CRT INSULATING	
14	4-341-905-00	NUT, PLATE (A)	
15	4-336-815-00	STOPPER, FILTER	
16	3-703-136-00	SCREW, TAPPING	
17	4-341-908-21	KNOB (B)	
18	4-341-909-11	BUTTON (A)	
19	4-341-910-21	BUTTON (B)	
20	4-341-911-21	BUTTON (C)	
21	3-703-079-21	LABEL, COURTION (BACK)	

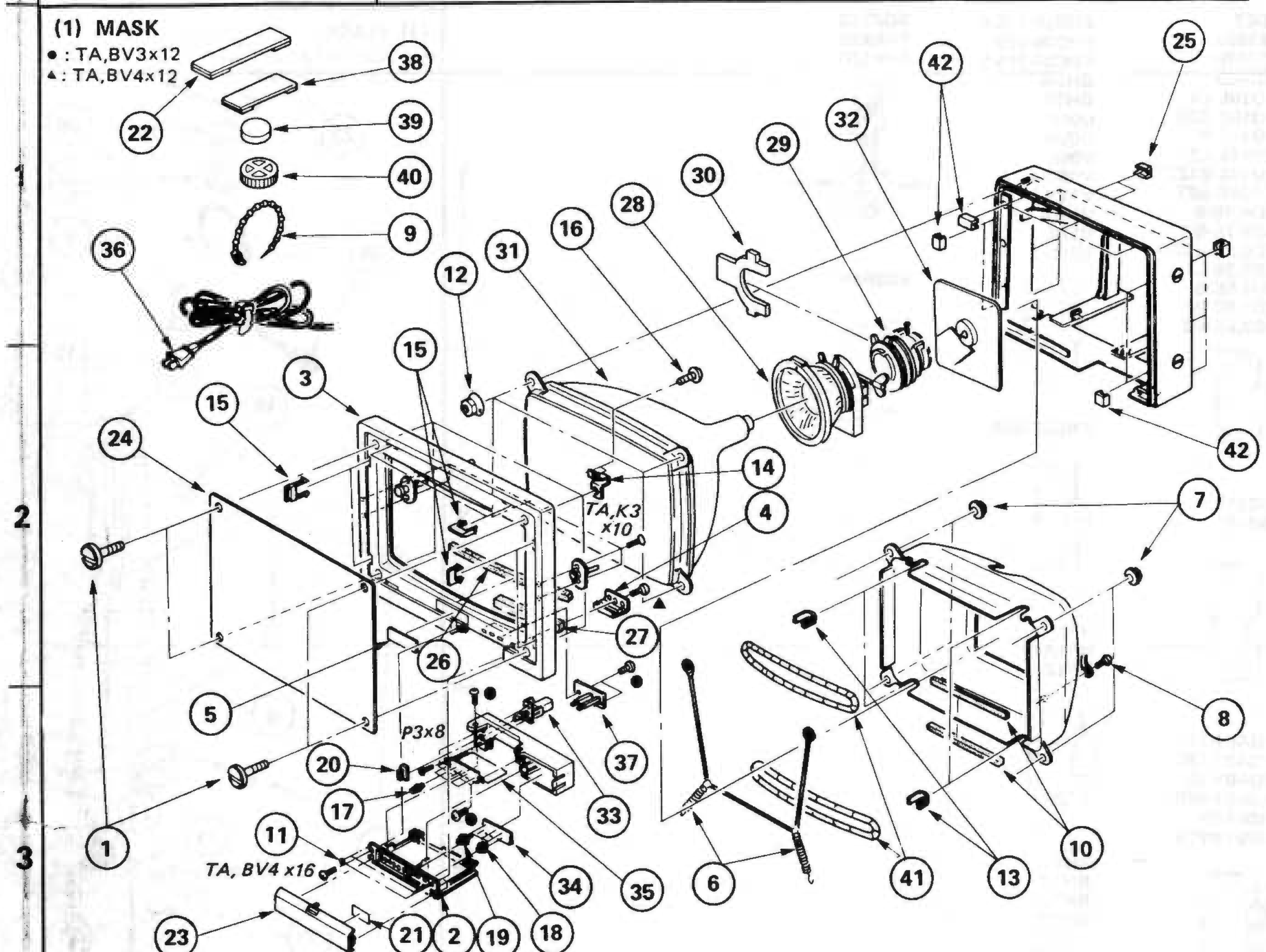
No.	Part No	De
22	X-4306-312-0	PI
23	4-342-018-00	D(
24	4-342-019-00	FI
25	♠:4-860-518-11	P/
26	4-350-249-00	Cl
27	4-342-053-00	Cl
28	⚠.1-451-156-00	DI
29	⚠.1-452-236-00	CI
30	1-452-146-00	M/
31	⚠.8-738-406-05	CI
32	♠:A-1330-335-A	C
33	⚠.1-553-262-00	S\
34	♠:1-604-960-00	H:
35	♠:1-604-961-00	H:
36	⚠.1-551-478-11	C(
37	♠:1-604-845-00	Y
38	X-4308-815-0	PI
39	1-452-032-00	M/
40	1-452-094-00	M/
41	⚠.1-426-059-21	C(
42	♠:4-858-803-11	PL

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- As to the part numbered with E-, refer the electrical parts list.
- Items marked " ♠ " are not stocked sinc they are seldom required for routi service. Some delay should be anticipat when ordering these items.

SECTION 5
EXPLODED VIEWS

(1) MASK

● : TA,BV3x12
▲: TA,BV4x12



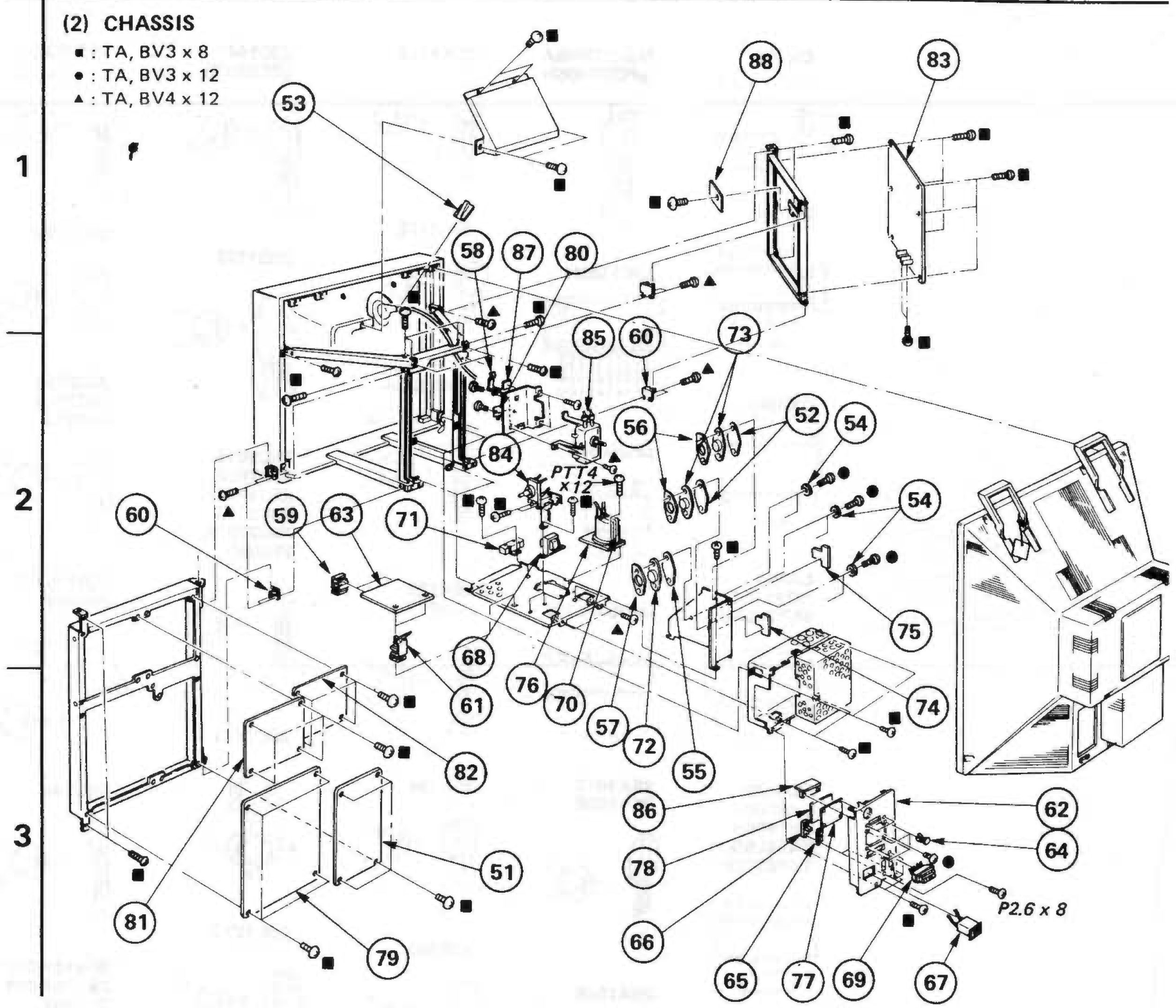
No.	Part No	Description	Remark
1	X-433-680-50	SCREW, ORNAMENTAL	
2	X-4354-301-0	PANEL ASSY, CONTROL	
3	X-4342-004-5	BEZEL ASSY	4,5,14,15, 16,26,27
4	X-4342-008-0	RETAINER ASSY, FILTER	
5	3-701-912-00	EMBLEM, SONY, (LARGE)	
6	4-303-774-XX	SPRING	
7	4-304-511-00	NUT, FLANGE	
8	4-305-021-00	SCREW, TAPPING, TERMINAL, +BV3X8	
9	4-308-870-00	CLIP, LEAD WIRE	
10	4-310-778-00	CUSHION (A), CRT	
11	4-316-264-11	CUSHION	
12	4-330-305-00	NUT, SPECIAL	
13	♦:4-330-306-00	BUSHING, CRT INSULATING	
14	4-341-905-00	NUT, PLATE (A)	
15	4-336-815-00	STOPPER, FILTER	
16	3-703-136-00	SCREW, TAPPING	
17	4-341-908-21	KNOB (B)	
18	4-341-909-11	BUTTON (A)	
19	4-341-910-21	BUTTON (B)	
20	4-341-911-21	BUTTON (C)	
21	3-703-079-21	LABEL, COURTION (BACK)	
22	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE	
23	4-342-018-00	DOOR, CONTROL	
24	4-342-019-00	FILTER	
25	♦:4-860-518-11	PACKING, TWEETER	
26	4-350-249-00	CUSHION, CRT	
27	4-342-053-00	CUSHION (B)	
28	⚠.1-451-156-00	DEFLECTION YOKE;DY	
29	⚠.1-452-236-00	CRT NECK ASSY	
30	1-452-146-00	MAGNET,BMC	
31	⚠.8-738-406-05	CRT 680DB22A	
32	♦:A-1330-335-A	C BOARD, COMPLETE	
33	⚠.1-553-262-00	SWITCH, PUSH (POWER SWITCH)	
34	♦:1-604-960-00	H1 BOARD	
35	♦:1-604-961-00	H2 BOARD	
36	⚠.1-551-478-11	CORD, POWER	
37	♦:1-604-845-00	Y BOARD	
38	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
39	1-452-032-00	MAGNET,DISC	
40	1-452-094-00	MAGNET, ROTATABLE DISK; 15mm ϕ	
41	⚠.1-426-059-21	COIL, DEGAUSSING, DGC	
42	♦:4-858-803-11	PLATE, PREVENTION, REFLECTION	

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
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- Items marked " ♦ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

(2) CHASSIS

■ : TA, BV3 x 8
● : TA, BV3 x 12
▲ : TA, BV4 x 12

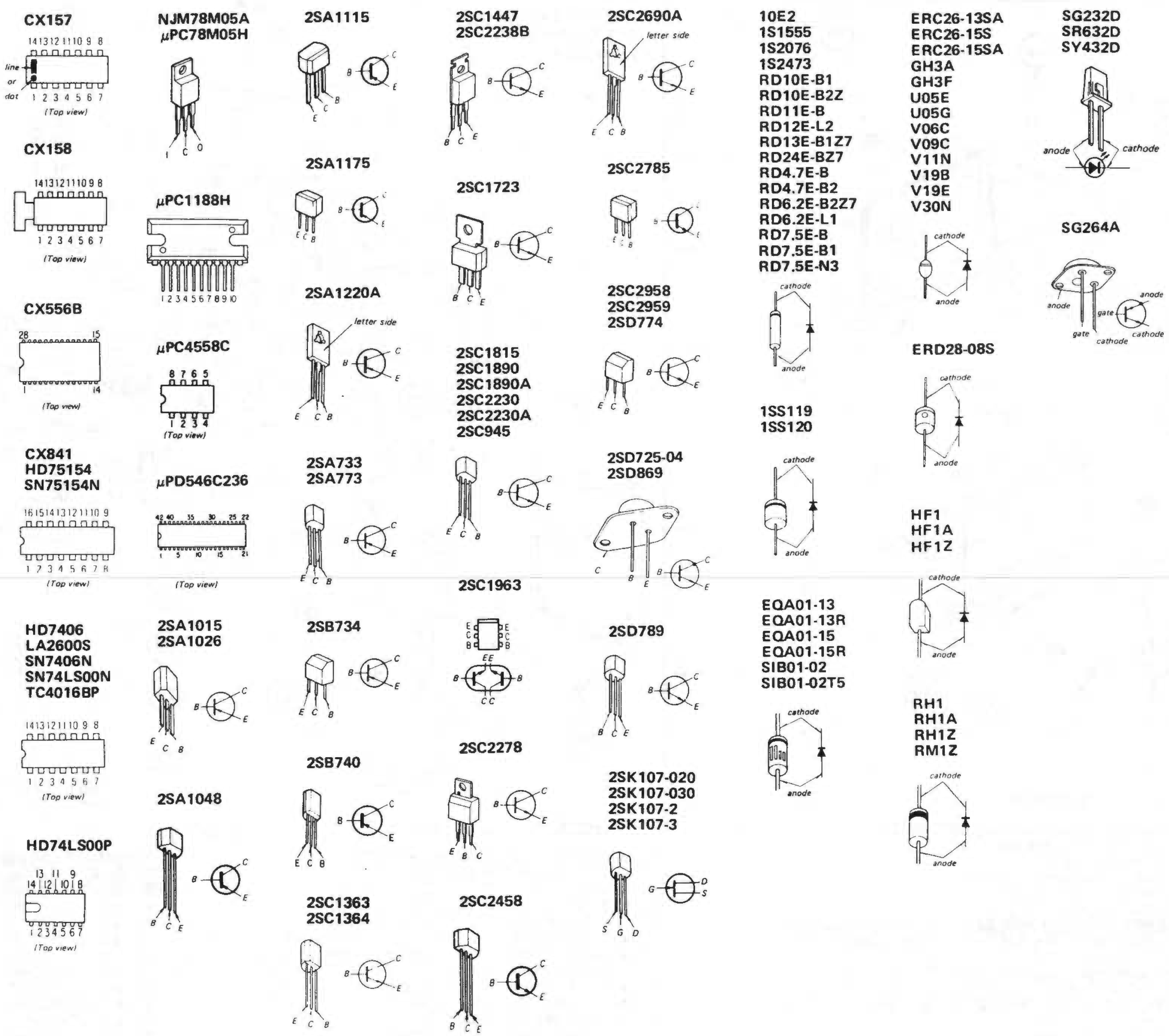


No.	Part No	Description	Remark
51	♦:A-1130-160-A	BD BOARD, COMPLETE	
52	3-701-353-00	SPACER, MICA	
53	3-703-003-00	SPACER, DY	
54	3-703-320-00	BUSHING (A), TRANSISTOR	
55	4-303-844-00	SPACER, MICA (4) MD-17	
56	♦:4-314-938-01	RETAINER (TO-3), TRANSISTOR	
57	♦:4-309-762-00	RETAINER (MD-17), TRANSISTOR	
58	4-327-002-00	REG HOLD	
59	♦:3-659-682-00	HOLDER, PC BOARD	
60	♦:4-342-010-00	HINGE, LOWER	
61	♦:3-703-141-00	HOLDER, PCB	
62	4-354-314-00	BOARD, TERMINAL	
63	♦:1-606-053-00	F BOARD	
64	4-812-134-11	RIVET NYLON, 3.5	
65	♦:4-342-079-00	SPACER	
66	1-514-524-00	SLIDE SWITCH	
67	⚠.1-561-347-00	OUTLET, AC	
68	⚠.1-447-120-00	TRANSFORMER, POWER;PT	
69	1-536-600-00	TERMINAL, PUSH	
70	⚠.1-439-276-00	TRANSFORMER ASSY, FLYBACK;FBT	
71	⚠.1-217-618-00	RES, WIREWOUND 1.2 (15)	
72	⚠.8-726-420-00	THYRISTOR SG-264A	
73	⚠.8-729-372-53	TRANSISTOR 2SD725-04	
74	♦:1-602-172-00	X1 BOARD	
75	♦:1-602-173-00	X2 BOARD	
76	♦:1-602-171-00	P BOARD	
77	1-536-693-00	TERMINAL BOARD, CONNECTOR	
78	♦:1-606-092-00	U1 BOARD	
79	♦:A-1135-136-A	BA BOARD, COMPLETE	
80	♦:1-601-981-00	Z BOARD	
81	♦:A-1280-099-A	N BOARD, COMPLETE	
82	♦:A-1380-072-A	K BOARD, COMPLETE	
83	♦:A-1345-330-A	D BOARD, COMPLETE	
84	⚠.1-215-066-21	RES ASSY, HIGH-VOLTAGE ;MVR	
85	⚠.1-228-484-00	RESISTOR ASSY, HIGH-VOLTAGE;HVR	
86	♦:1-606-048-00	U2 BOARD	
87	4-342-013-00	SPACER, MICA	
88	⚠.A-1345-363-A	E BOARD, COMPLETE	

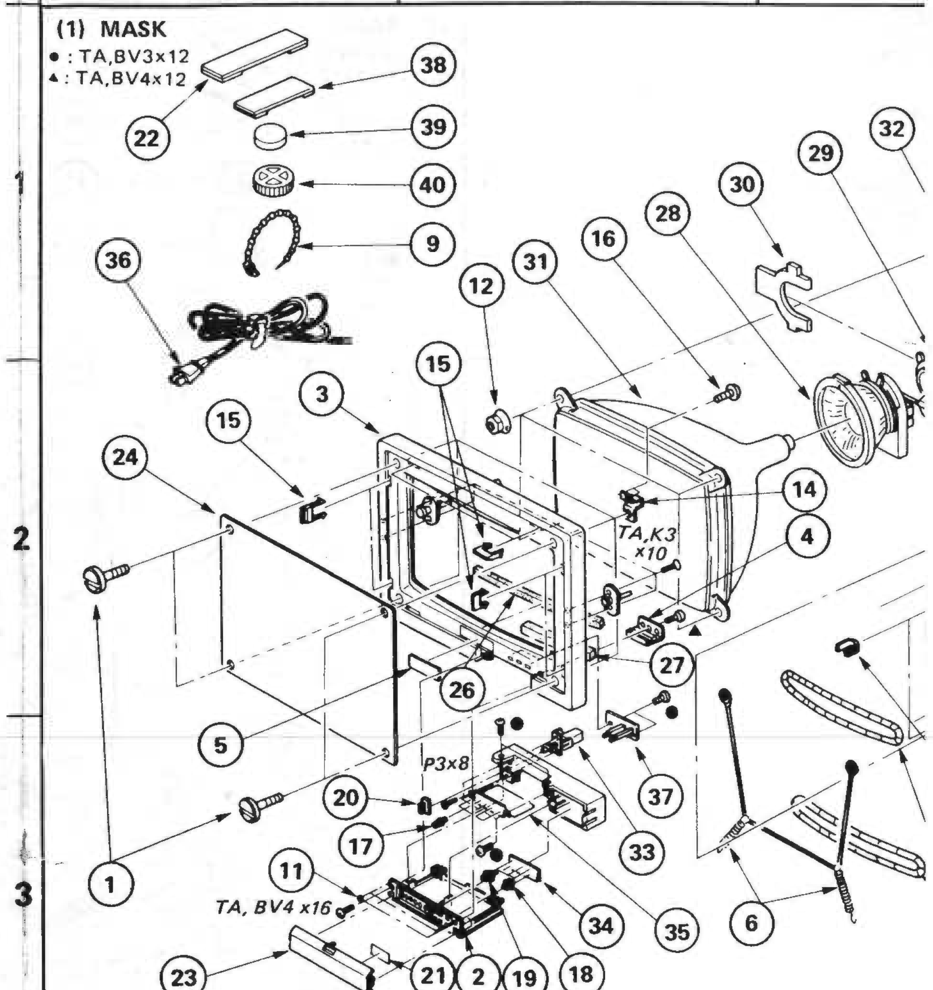
NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- As to the part numbered with E-, refer to the electrical parts list.
- Items marked " ♦ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

4-3. SEMICONDUCTORS



SECTION 5
EXPLODED VIEWS



No.	Part No	Description	Remark
1	X-433-680-50	SCREW, ORNAMENTAL	
2	X-4354-301-0	PANEL ASSY, CONTROL	
3	X-4342-004-5	BEZEL ASSY	4,5,14,15, 16,26,27
4	X-4342-008-0	RETAINER ASSY, FILTER	
5	3-701-912-00	EMBLEM, SONY, (LARGE)	
6	4-303-774-XX	SPRING	
7	4-304-511-00	NUT, FLANGE	
8	4-305-021-00	SCREW, TAPPING, TERMINAL, +BV3X8	
9	4-308-870-00	CLIP, LEAD WIRE	
10	4-310-778-00	CUSHION (A), CRT	
11	4-316-264-11	CUSHION	
12	4-330-305-00	NUT, SPECIAL	
13	♦:4-330-306-00	BUSHING, CRT INSULATING	
14	4-341-905-00	NUT, PLATE (A)	
15	4-336-815-00	STOPPER, FILTER	
16	3-703-136-00	SCREW, TAPPING	
17	4-341-908-21	KNOB (B)	
18	4-341-909-11	BUTTON (A)	
19	4-341-910-21	BUTTON (B)	
20	4-341-911-21	BUTTON (C)	
21	3-703-079-21	LABEL, COURTION (BACK)	

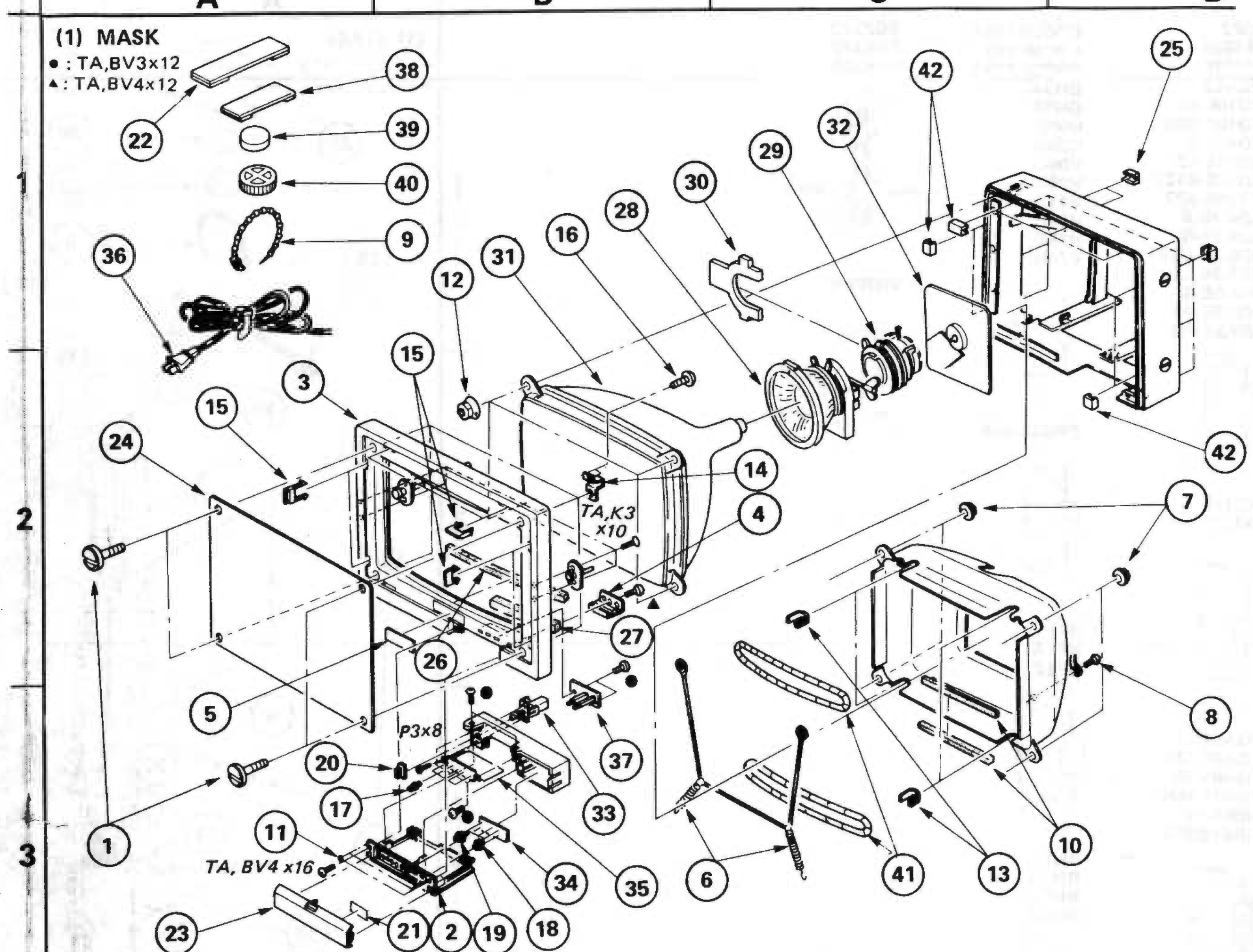
No.	Part No	De
22	X-4306-312-0	PI
23	4-342-018-00	DC
24	4-342-019-00	FI
25	♦:4-860-518-11	PA
26	4-350-249-00	CU
27	4-342-053-00	CU
28	⚠.1-451-156-00	DE
29	⚠.1-452-236-00	CE
30	1-452-146-00	MA
31	⚠.8-738-406-05	CE
32	♦:A-1330-335-A	C
33	⚠.1-553-262-00	SW
34	♦:1-604-960-00	HI
35	♦:1-604-961-00	H2
36	⚠.1-551-478-11	CO
37	♦:1-604-845-00	Y
38	X-4308-815-0	PE
39	1-452-032-00	MA
40	1-452-094-00	MA
41	⚠.1-426-059-21	CO
42	♦:4-858-803-11	PL

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- As to the part numbered with E-, refer the electrical parts list.
- Items marked " ♦ " are not stocked sinc they are seldom required for routi service. Some delay should be anticipat when ordering these items.

SECTION 5
EXPLODED VIEWS

(1) MASK

● : TA,BV3x12
▲ : TA,BV4x12



No.	Part No	Description	Remark
1	X-433-680-50	SCREW, ORNAMENTAL	
2	X-4354-301-0	PANEL ASSY, CONTROL	
3	X-4342-004-5	BEZEL ASSY	4,5,14,15, 16,26,27
4	X-4342-008-0	RETAINER ASSY, FILTER	
5	3-701-912-00	EMBLEM, SONY, (LARGE)	
6	4-303-774-XX	SPRING	
7	4-304-511-00	NUT, FLANGE	
8	4-305-021-00	SCREW, TAPPING, TERMINAL, +BV3X8	
9	4-308-870-00	CLIP, LEAD WIRE	
10	4-310-778-00	CUSHION (A), CRT	
11	4-316-264-11	CUSHION	
12	4-330-305-00	NUT, SPECIAL	
13	♦:4-330-306-00	BUSHING, CRT INSULATING	
14	4-341-905-00	NUT, PLATE (A)	
15	4-336-815-00	STOPPER, FILTER	
16	3-703-136-00	SCREW, TAPPING	
17	4-341-908-21	KNOB (B)	
18	4-341-909-11	BUTTON (A)	
19	4-341-910-21	BUTTON (B)	
20	4-341-911-21	BUTTON (C)	
21	3-703-079-21	LABEL, COURTION (BACK)	

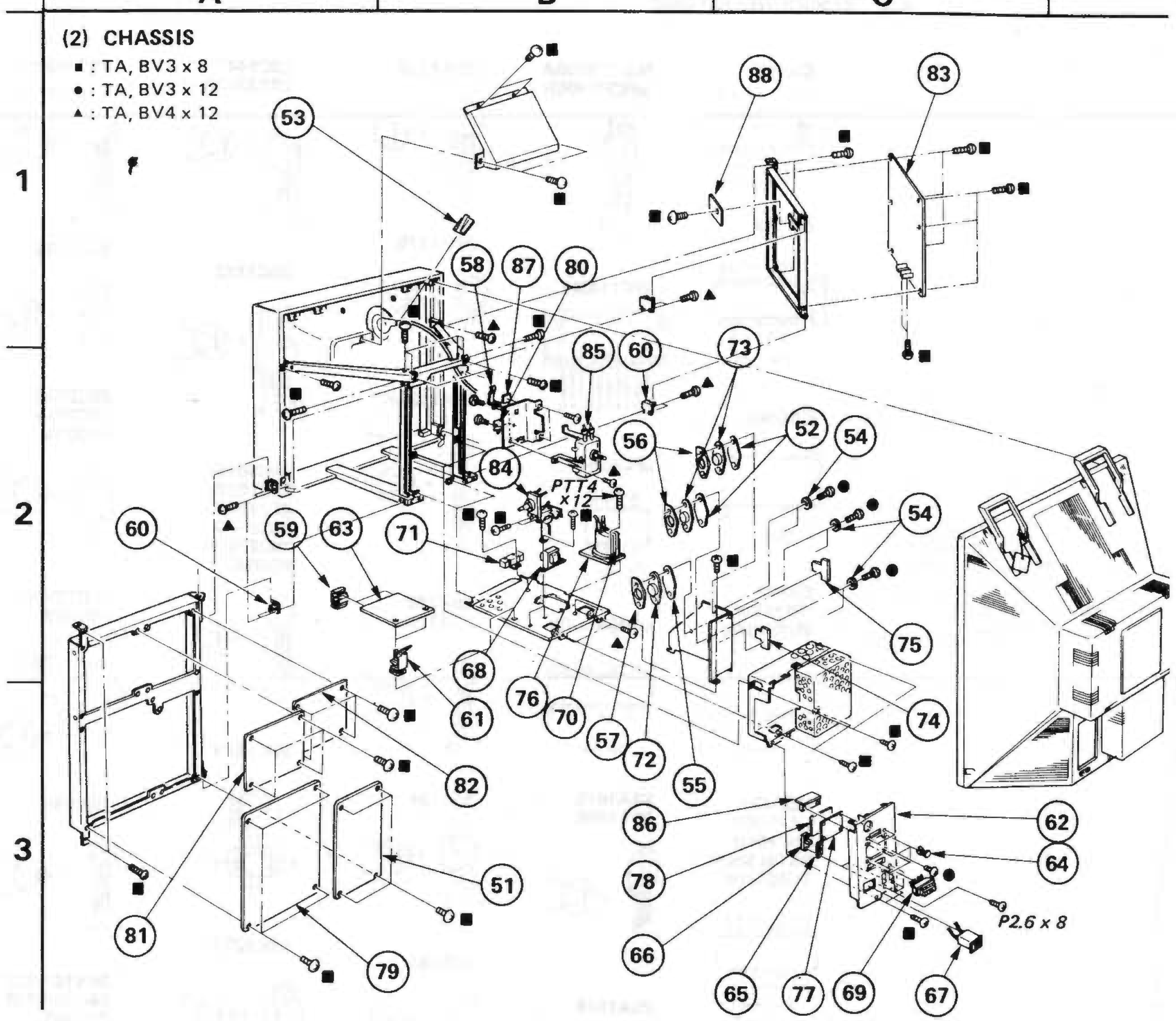
No.	Part No	Description	Remark
22	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE	
23	4-342-018-00	DOOR, CONTROL	
24	4-342-019-00	FILTER	
25	♦:4-860-518-11	PACKING, TWEETER	
26	4-350-249-00	CUSHION, CRT	
27	4-342-053-00	CUSHION (B)	
28	⚠.1-451-156-00	DEFLECTION YOKE; DY	
29	⚠.1-452-236-00	CRT NECK ASSY	
30	1-452-146-00	MAGNET, BMC	
31	⚠.8-738-406-05	CRT 680DB22A	
32	♦:A-1330-335-A	C BOARD, COMPLETE	
33	⚠.1-553-262-00	SWITCH, PUSH (POWER SWITCH)	
34	♦:1-604-960-00	H1 BOARD	
35	♦:1-604-961-00	H2 BOARD	
36	⚠.1-551-478-11	CORD, POWER	
37	♦:1-604-845-00	Y BOARD	
38	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
39	1-452-032-00	MAGNET, DISC	
40	1-452-094-00	MAGNET, ROTATABLE DISK; 15mm ϕ	
41	⚠.1-426-059-21	COIL, DEGAUSSING, DGC	
42	♦:4-858-803-11	PLATE, PREVENTION, REFLECTION	

NOTE:
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- The construction parts of an assembled part are indicated with a collation number in the remark column.
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The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

(2) CHASSIS

■ : TA, BV3 x 8
● : TA, BV3 x 12
▲ : TA, BV4 x 12



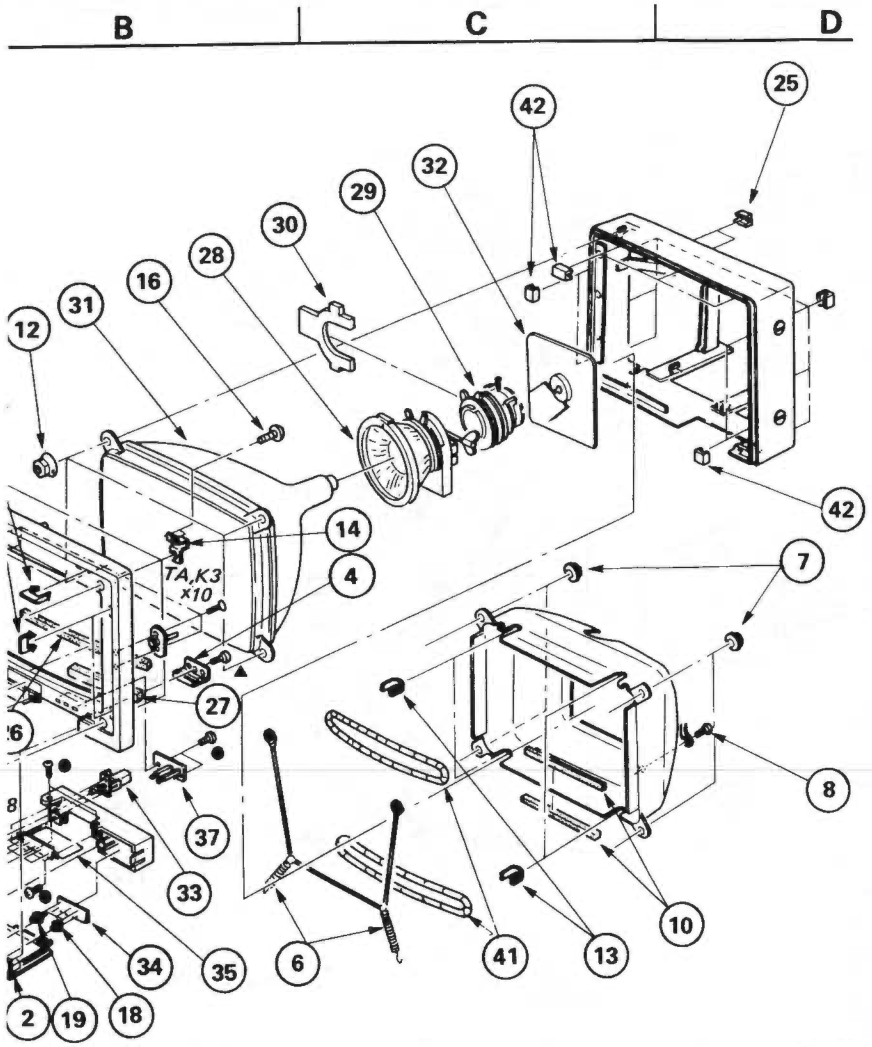
No.	Part No	Description	Remark
51	♦:A-1130-160-A	BD BOARD, COMPLETE	
52	3-701-353-00	SPACER, MICA	
53	3-703-003-00	SPACER, DY	
54	3-703-320-00	BUSHING (A), TRANSISTOR	
55	4-303-844-00	SPACER, MICA (4) MD-17	
56	♦:4-314-938-01	RETAINER (TO-3), TRANSISTOR	
57	♦:4-309-762-00	RETAINER (MD-17), TRANSISTOR	
58	4-327-002-00	REG HOLD	
59	♦:3-659-682-00	HOLDER, PC BOARD	
60	♦:4-342-010-00	HINGE, LOWER	
61	♦:3-703-141-00	HOLDER, PCB	
62	4-354-314-00	BOARD, TERMINAL	
63	♦:1-606-053-00	F BOARD	
64	4-812-134-11	RIVET NYLON, 3.5	
65	♦:4-342-079-00	SPACER	
66	1-514-524-00	SLIDE SWITCH	
67	⚠.1-561-347-00	OUTLET, AC	
68	⚠.1-447-120-00	TRANSFORMER, POWER; PT	
69	1-536-600-00	TERMINAL, PUSH	
70	⚠.1-439-276-00	TRANSFORMER ASSY, FLYBACK; FBT	

No.	Part No	Description
71	⚠.1-217-618-00	RES, WIREWOUND 1.2 (15)
72	⚠.8-726-420-00	THYRISTOR SG-264A
73	⚠.8-729-372-53	TRANSISTOR 2SD725-04
74	♦:1-602-172-00	X1 BOARD
75	♦:1-602-173-00	X2 BOARD
76	♦:1-602-171-00	P BOARD
77	1-536-693-00	TERMINAL BOARD, CONNECTOR
78	♦:1-606-092-00	U1 BOARD
79	♦:A-1135-136-A	BA BOARD, COMPLETE
80	♦:1-601-981-00	Z BOARD
81	♦:A-1280-099-A	N BOARD, COMPLETE
82	♦:A-1380-072-A	K BOARD, COMPLETE
83	♦:A-1345-330-A	D BOARD, COMPLETE
84	⚠.1-215-066-21	RES ASSY, HIGH-VOLTAGE ; MVR
85	⚠.1-228-484-00	RESISTOR ASSY, HIGH-VOLTAGE; HVR
86	♦:1-606-048-00	U2 BOARD
87	4-342-013-00	SPACER, MICA
88	⚠.A-1345-363-A	E BOARD, COMPLETE

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
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SECTION 5
EXPLODED VIEWS



Remark
4,5,14,15, 16,26,27

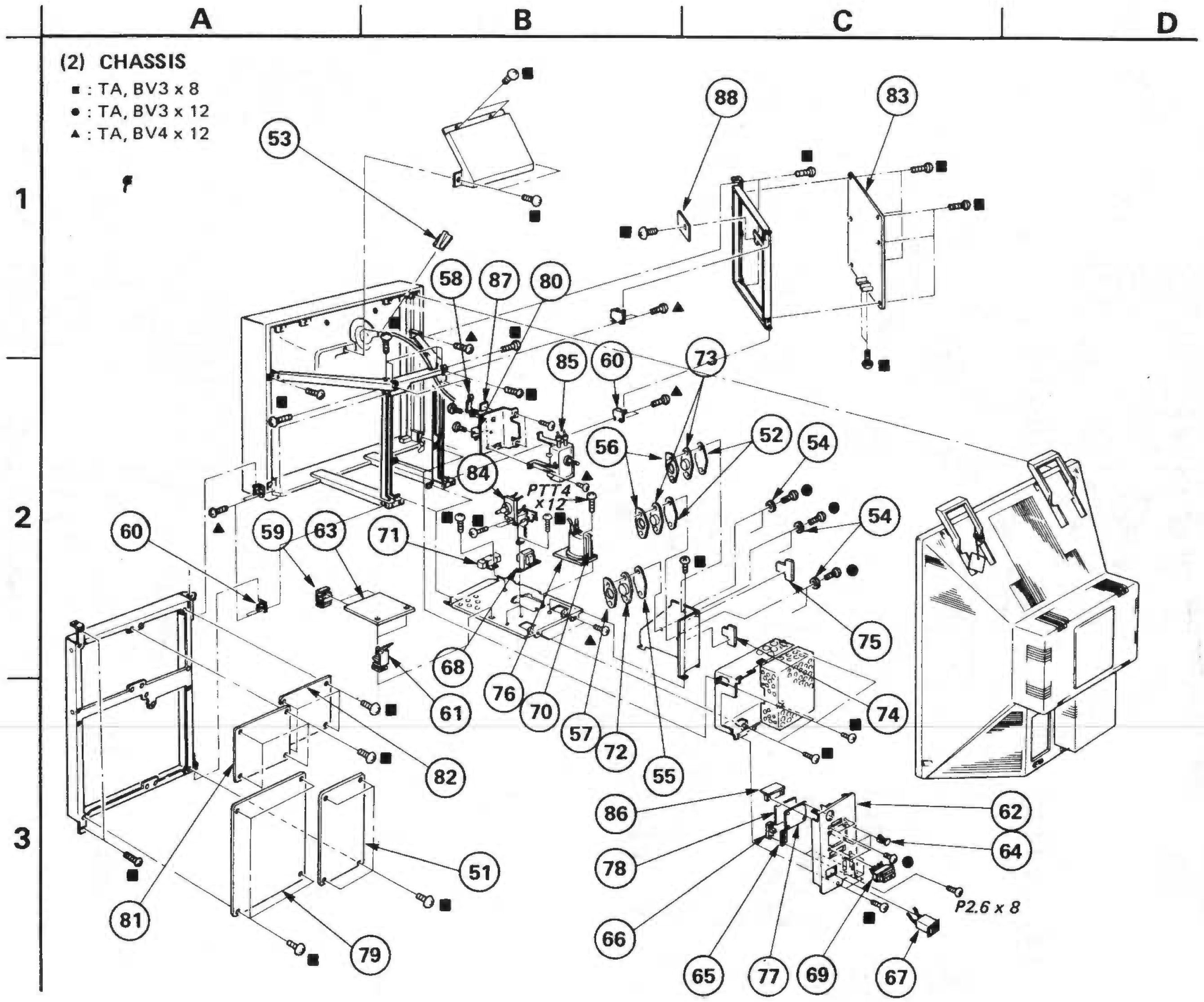
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E)
MINAL, +BV3X8
TING
CK)

No.	Part No	Description	Remark
22	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE	
23	4-342-018-00	DOOR, CONTROL	
24	4-342-019-00	FILTER	
25	♦:4-860-518-11	PACKING, TWEETER	
26	4-350-249-00	CUSHION, CRT	
27	4-342-053-00	CUSHION (B)	
28	⚠:1-451-156-00	DEFLECTION YOKE;DY	
29	⚠:1-452-236-00	CRT NECK ASSY	
30	1-452-146-00	MAGNET,BMC	
31	⚠:8-738-406-05	CRT 680DB22A	
32	♦:A-1330-335-A	C BOARD, COMPLETE	
33	⚠:1-553-262-00	SWITCH, PUSH (POWER SWITCH)	
34	♦:1-604-960-00	H1 BOARD	
35	♦:1-604-961-00	H2 BOARD	
36	⚠:1-551-478-11	CORD, POWER	
37	♦:1-604-845-00	Y BOARD	
38	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
39	1-452-032-00	MAGNET,DISC	
40	1-452-094-00	MAGNET, ROTATABLE DISK; 15mm ϕ	
41	⚠:1-426-059-21	COIL, DEGAUSSING, DGC	
42	♦:4-858-803-11	PLATE, PREVENTION, REFLECTION	

- As to the part numbered with E-, refer to the electrical parts list.
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The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

(2) CHASSIS
■ : TA, BV3 x 8
● : TA, BV3 x 12
▲ : TA, BV4 x 12



No.	Part No	Description	Remark
51	♦:A-1130-160-A	BD BOARD, COMPLETE	
52	3-701-353-00	SPACER, MICA	
53	3-703-003-00	SPACER, DY	
54	3-703-320-00	BUSHING (A), TRANSISTOR	
55	4-303-844-00	SPACER, MICA (4) MD-17	
56	♦:4-314-938-01	RETAINER (TO-3), TRANSISTOR	
57	♦:4-309-762-00	RETAINER (MD-17), TRANSISTOR	
58	4-327-002-00	REG HOLD	
59	♦:3-659-682-00	HOLDER, PC BOARD	
60	♦:4-342-010-00	HINGE, LOWER	
61	♦:3-703-141-00	HOLDER, PCB	
62	4-354-314-00	BOARD, TERMINAL	
63	♦:1-606-053-00	F BOARD	
64	4-812-134-11	RIVET NYLON, 3.5	
65	♦:4-342-079-00	SPACER	
66	1-514-524-00	SLIDE SWITCH	
67	⚠:1-561-347-00	OUTLET, AC	
68	⚠:1-447-120-00	TRANSFORMER, POWER;PT	
69	1-536-600-00	TERMINAL, PUSH	
70	⚠:1-439-276-00	TRANSFORMER ASSY, FLYBACK;FBT	

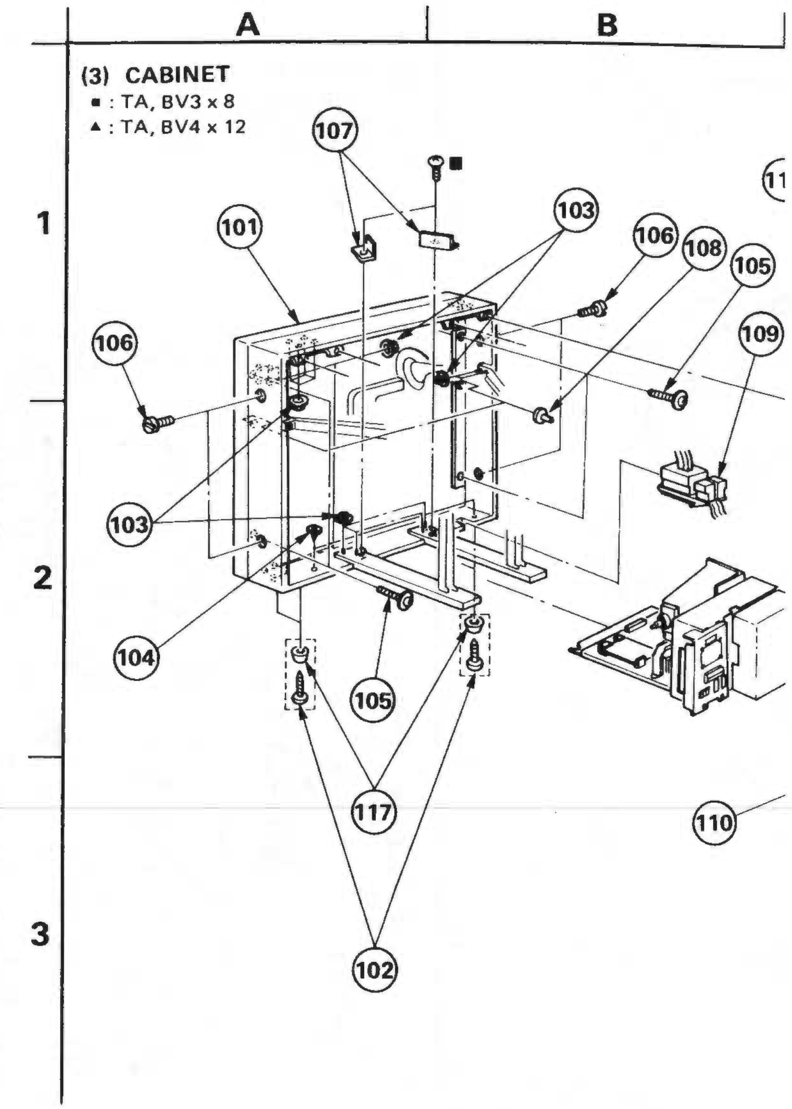
No.	Part No	Description	Remark
71	⚠:1-217-618-00	RES, WIREWOUND 1.2 (15)	
72	⚠:8-726-420-00	THYRISTOR SG-264A	
73	⚠:8-729-372-53	TRANSISTOR 2SD725-04	
74	♦:1-602-172-00	X1 BOARD	
75	♦:1-602-173-00	X2 BOARD	
76	♦:1-602-171-00	P BOARD	
77	1-536-693-00	TERMINAL BOARD, CONNECTOR	
78	♦:1-606-092-00	U1 BOARD	
79	♦:A-1135-136-A	BA BOARD, COMPLETE	
80	♦:1-601-981-00	Z BOARD	
81	♦:A-1280-099-A	N BOARD, COMPLETE	
82	♦:A-1380-072-A	K BOARD, COMPLETE	
83	♦:A-1345-330-A	D BOARD, COMPLETE	
84	⚠:1-215-066-21	RES ASSY, HIGH-VOLTAGE ;MVR	
85	⚠:1-228-484-00	RESISTOR ASSY, HIGH-VOLTAGE;HVR	
86	♦:1-606-048-00	U2 BOARD	
87	4-342-013-00	SPACER, MICA	
88	⚠:A-1345-363-A	E BOARD, COMPLETE	

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- As to the part numbered with E-, refer to the electrical parts list.
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The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

(3) CABINET
■ : TA, BV3 x 8
▲ : TA, BV4 x 12



No.	Part No	Description	Remark
101	X-4342-005-0	CABINET ASSY,	102,103,104,105, 106,107,108 117
102	X-4310-310-0	FOOT ASSY	
103	4-304-749-00	NUT, FLANGE	
104	4-305-442-00	DRIVE NUT, 4MM	
105	4-319-520-00	SCREW, SPECIAL (+PW4X30)	
106	4-342-017-00	SCREW, ORNAMENTAL	
107	♦:4-342-069-00	GUIDE	
108	4-838-438-00	LATCH	
109	⚠:4-356-621-00	HOLDER, CORD, AC	
110	X-4354-303-0	COVER ASSY, REAR	111,112,113,116, 118

No.
111
112
113
114
115 ♦
116 ♦
117
118 ♦
119

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- As to the part numbered the electrical parts li
- Items marked " ♦ " are r they are seldom requ service. Some delay shou when ordering these ite

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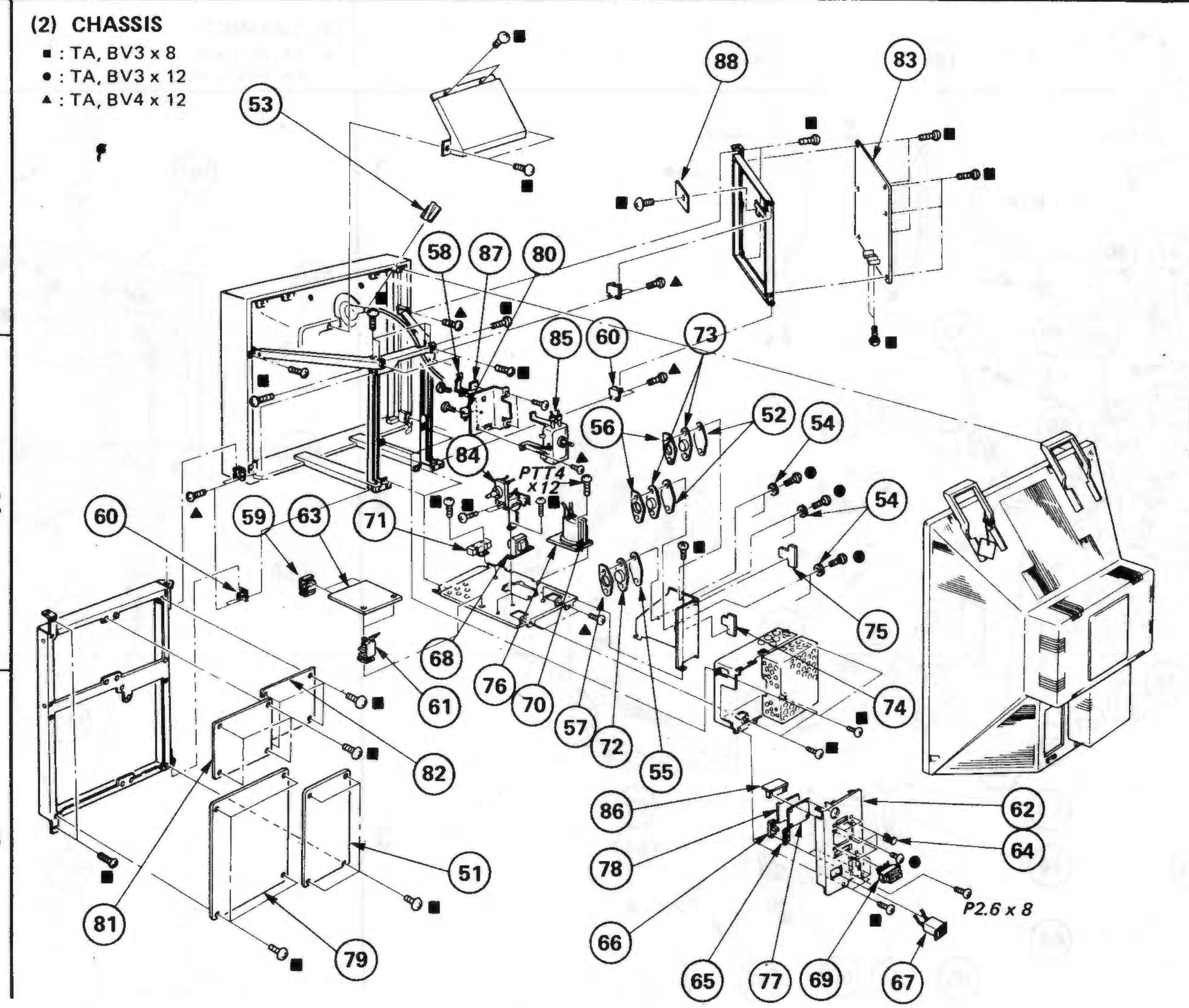
: SWITCH)

IVERGENCE

ISK; 15mm ϕ
)GC
REFLECTION

onents identified
ng and mark ⚠ are
for safety.
only with part
pecified.

(2) CHASSIS
■ : TA, BV3 x 8
● : TA, BV3 x 12
▲ : TA, BV4 x 12



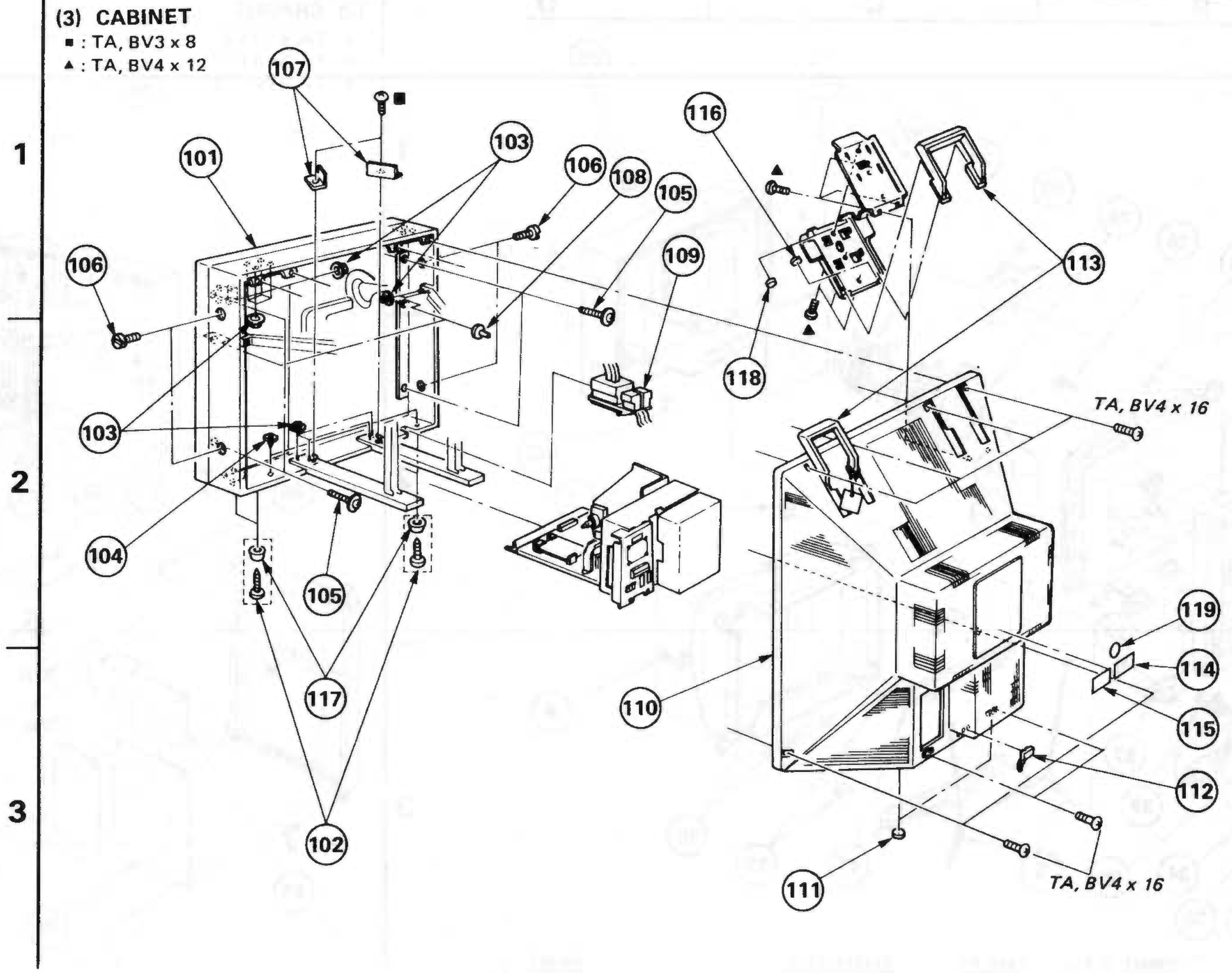
No.	Part No	Description	Remark
51	♠:A-1130-160-A	BD BOARD, COMPLETE	
52	3-701-353-00	SPACER, MICA	
53	3-703-003-00	SPACER, DY	
54	3-703-320-00	BUSHING (A), TRANSISTOR	
55	4-303-844-00	SPACER, MICA (4) MD-17	
56	♠:4-314-938-01	RETAINER (TO-3), TRANSISTOR	
57	♠:4-309-762-00	RETAINER (MD-17), TRANSISTOR	
58	4-327-002-00	REG HOLD	
59	♠:3-659-682-00	HOLDER, PC BOARD	
60	♠:4-342-010-00	HINGE, LOWER	
61	♠:3-703-141-00	HOLDER, PCB	
62	4-354-314-00	BOARD, TERMINAL	
63	♠:1-606-053-00	F BOARD	
64	4-812-134-11	RIVET NYLON, 3.5	
65	♠:4-342-079-00	SPACER	
66	1-514-524-00	SLIDE SWITCH	
67	⚠:1-561-347-00	OUTLET, AC	
68	⚠:1-447-120-00	TRANSFORMER, POWER;PT	
69	1-536-600-00	TERMINAL, PUSH	
70	⚠:1-439-276-00	TRANSFORMER ASSY, FLYBACK;FBT	
71	⚠:1-217-618-00	RES, WIREWOUND 1.2 (15)	
72	⚠:8-726-420-00	THYRISTOR SG-264A	
73	⚠:8-729-372-53	TRANSISTOR 2SD725-04	
74	♠:1-602-172-00	X1 BOARD	
75	♠:1-602-173-00	X2 BOARD	
76	♠:1-602-171-00	P BOARD	
77	1-536-693-00	TERMINAL BOARD, CONNECTOR	
78	♠:1-606-092-00	U1 BOARD	
79	♠:A-1135-136-A	BA BOARD, COMPLETE	
80	♠:1-601-981-00	Z BOARD	
81	♠:A-1280-099-A	N BOARD, COMPLETE	
82	♠:A-1380-072-A	K BOARD, COMPLETE	
83	♠:A-1345-330-A	D BOARD, COMPLETE	
84	⚠:1-215-066-21	RES ASSY, HIGH-VOLTAGE ;HVR	
85	⚠:1-228-484-00	RESISTOR ASSY, HIGH-VOLTAGE;HVR	
86	♠:1-606-048-00	U2 BOARD	
87	4-342-013-00	SPACER, MICA	
89	⚠:A-1345-363-A	E BOARD, COMPLETE	

NOTE:
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(3) CABINET
■ : TA, BV3 x 8
▲ : TA, BV4 x 12



No.	Part No	Description	Remark
101	X-4342-005-0	CABINET ASSY,	102,103,104,105, 106,107,108
102	X-4310-310-0	FOOT ASSY	117
103	4-304-749-00	NUT, FLANGE	
104	4-305-442-00	DRIVE NUT, 4MM	
105	4-319-520-00	SCREW, SPECIAL (+PW4X30)	
106	4-342-017-00	SCREW, ORNAMENTAL	
107	♠:4-342-069-00	GUIDE	
108	4-838-438-00	LATCH	
109	⚠:4-355-621-00	HOLDER, CORD, AC	
110	X-4354-303-0	COVER ASSY, REAR	111,112,113,116, 118
111	4-310-721-00	CUSHION, CABINET	
112	4-329-127-00	CLAMP, CORD	
113	4-342-020-00	HANDLE	
114	3-703-228-00	LABEL, CAUTION	
115	♠:4-354-304-00	LABEL, MODEL NUMBER	
116	♠:4-314-871-00	CUSHION	
117	4-310-332-00	FOOT	
118	♠:3-536-682-01	FELT, BACK TENSION	
119	3-701-915-01	LABEL, UL	

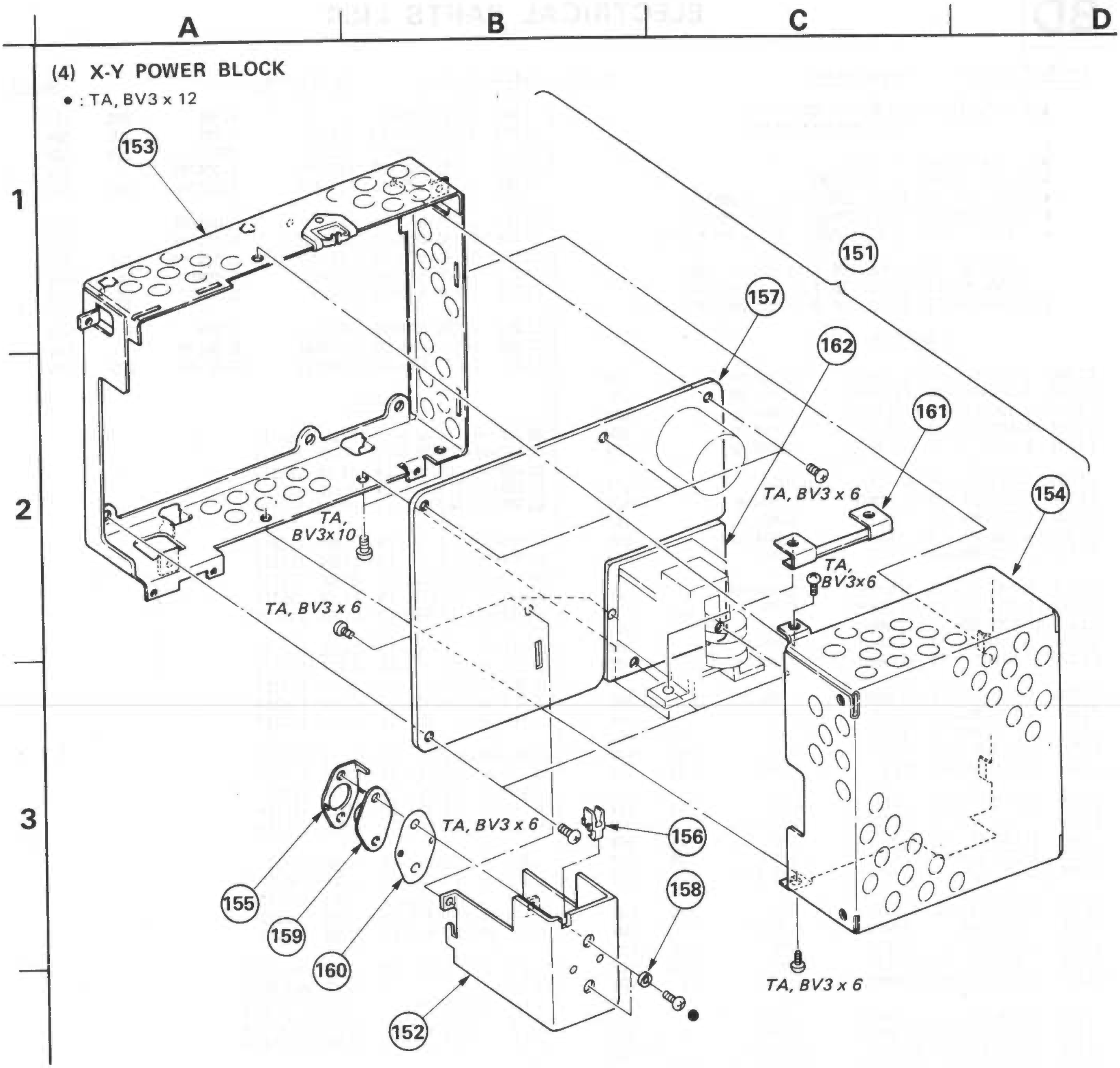
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The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

(4) X-Y POWER BLOCK

● : TA, BV3 x 12



No.	Part No	Description	Remark
151	♠:1-413-084-00	POWER BLOCK, X-Y	152,153,154,155, 156,157,158,159, 160,161,162
152	♠:3-706-519-00	HEAT SINK, REG	
153	♠:3-706-520-00	BRACKET, G PC BOARD	
154	♠:3-706-521-00	CASE, SHIELD, G BLOCK	
155	♠:4-307-456-00	HOLDER, (TO-3)	
156	4-333-157-00	RETAINER, AC CORD	
157	♠:1-605-977-21	PC BOARD, GA	
158	3-703-320-00	BUSHING (A), TRANSISTOR	
159	8-729-286-91	TRANSISTOR 2SD869-1	
160	3-701-353-00	SPACER, MICA	
161	♠:3-706-518-00	HOLDER, POT	
162	♠:1-605-978-21	PC BOARD, GB	

NOTE:
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SECTION 6
ELECTRICAL PARTS LIST

BD

Ref.No	Part No	Description			Remark
	♠:A-1130-160-A	BD BOARD, COMPLETE			
		******************			
	♠:1-508-784-00	1P PLUG			
	♠:1-508-786-00	2P PLUG (M)			
	♠:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P			
	♠:1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P			
	♠:1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)			
	1-555-965-41	CONNECTOR ASSY (2.5MM) 5P			
	1-555-965-31	CONNECTOR ASSY (2.5MM) 5P			
	1-556-103-41	CONNECTOR ASSY (2.5MM) 4P			
		CAPACITOR			
C1301	1-101-003-00	CERAMIC	0.0047MF		50V
C1302	1-101-003-00	CERAMIC	0.0047MF		50V
C1303	1-101-003-00	CERAMIC	0.0047MF		50V
C1304	1-101-003-00	CERAMIC	0.0047MF		50V
C1305	1-101-003-00	CERAMIC	0.0047MF		50V
C1306	1-121-806-00	ELECT	10MF		16V
C1307	1-101-003-00	CERAMIC	0.0047MF		50V
C1308	1-121-806-00	ELECT	10MF		16V
C1309	1-101-003-00	CERAMIC	0.0047MF		50V
C1310	1-121-806-00	ELECT	10MF		16V
C1311	1-101-003-00	CERAMIC	0.0047MF		50V
C1312	1-102-824-00	CERAMIC	430PF	5%	50V
C1313	1-102-820-00	CERAMIC	330PF	5%	50V
C1314	1-101-003-00	CERAMIC	0.0047MF		50V
C1315	1-101-003-00	CERAMIC	0.0047MF		50V
C1316	1-101-003-00	CERAMIC	0.0047MF		50V
C1317	1-123-380-00	ELECT	1MF	20%	50V
C1318	1-123-380-00	ELECT	1MF	20%	50V
C1319	1-123-380-00	ELECT	1MF	20%	50V
C1320	1-123-328-00	ELECT	4.7MF	20%	25V
C1321	1-123-332-00	ELECT	47MF	20%	16V
C1322	1-101-003-00	CERAMIC	0.0047MF		50V
C1324	1-123-318-00	ELECT	33MF	20%	16V
C1325	1-123-333-00	ELECT	100MF	20%	25V
C1326	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C1327	1-123-332-00	ELECT	47MF	20%	16V
C1328	1-101-003-00	CERAMIC	0.0047MF		50V
C1329	1-123-332-00	ELECT	47MF	20%	16V
C1330	1-123-380-00	ELECT	1MF	20%	50V
C1331	1-102-978-00	CERAMIC	220PF	5%	50V
C1332	1-102-978-00	CERAMIC	220PF	5%	50V
C1333	1-102-978-00	CERAMIC	220PF	5%	50V
C1334	1-101-003-00	CERAMIC	0.0047MF		50V
C1335	1-123-333-00	ELECT	100MF	20%	16V
C1336	1-108-373-00	MYLAR	0.0047MF	10%	100V
C1337	1-123-328-00	ELECT	4.7MF	20%	25V
C1338	1-108-373-00	MYLAR	0.0047MF	10%	100V
C1339	1-123-328-00	ELECT	4.7MF	20%	25V
C1340	1-108-373-00	MYLAR	0.0047MF	10%	100V
C1341	1-101-001-00	CERAMIC	0.001MF		50V
C1342	1-123-328-00	ELECT	4.7MF	20%	25V
C1343	1-123-381-00	ELECT	2.2MF	20%	50V
C1344	1-123-380-00	ELECT	1MF	20%	50V
C1345	1-101-003-00	CERAMIC	0.0047MF		50V
C1346	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C1347	1-101-003-00	CERAMIC	0.0047MF		50V
C1349	1-101-003-00	CERAMIC	0.0047MF		50V
C1350	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C1351	1-108-579-00	MYLAR	0.01MF	5%	50V
C1352	1-108-579-00	MYLAR	0.01MF	5%	50V
C1353	1-108-579-00	MYLAR	0.01MF	5%	50V
C1359	1-101-003-00	CERAMIC	0.0047MF		50V
C1360	1-102-125-00	CERAMIC	0.0047MF	10%	50V
		DIODE			
D1301	=>8-719-911-19	DIODE 1SS119			
D1302	=>8-719-911-19	DIODE 1SS119			
D1303	=>8-719-911-19	DIODE 1SS119			
D1304	=>8-719-911-19	DIODE 1SS119			
D1305	=>8-719-911-19	DIODE 1SS119			
D1306	=>8-719-911-19	DIODE 1SS119			
D1307	=>8-719-911-19	DIODE 1SS119			
D1308	=>8-719-911-19	DIODE 1SS119			
D1309	=>8-719-911-19	DIODE 1SS119			
D1310	=>8-719-911-19	DIODE 1SS119			
D1311	=>8-719-911-19	DIODE 1SS119			
D1312	=>8-719-911-19	DIODE 1SS119			
D1313	=>8-719-911-19	DIODE 1SS119			
D1314	=>8-719-911-19	DIODE 1SS119			
D1315	=>8-719-911-19	DIODE 1SS119			
D1316	=>8-719-911-19	DIODE 1SS119			
D1317	=>8-719-911-19	DIODE 1SS119			
D1318	=>8-719-911-19	DIODE 1SS119			
D1319	=>8-719-911-19	DIODE 1SS119			
D1320	=>8-719-911-19	DIODE 1SS119			
D1321	=>8-719-911-19	DIODE 1SS119			
D1322	=>8-719-931-13	DIODE EQB01-13			
D1323	8-719-100-43	DIODE RD7.5EB1			
D1324	=>8-719-911-19	DIODE 1SS119			
D1325	=>8-719-911-19	DIODE 1SS119			
D1326	8-719-175-07	DIODE RD7.5E-B			
D1327	8-719-175-07	DIODE RD7.5E-B			
D1328	8-719-175-07	DIODE RD7.5E-B			
D1329	8-719-175-07	DIODE RD7.5E-B			
D1330	8-719-175-07	DIODE RD7.5E-B			
D1331	8-719-175-07	DIODE RD7.5E-B			
D1332	8-719-175-07	DIODE RD7.5E-B			
D1336	8-719-100-36	DIODE RD5.6E-B3			
		IC			
IC1301	8-759-352-54	IC HD75154			
IC1302	8-759-374-06	IC SN7406N			
IC1303	8-759-374-00	IC HD74LS00P			
IC1304	8-759-170-05	IC UPC78M05H			

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CAPACITORS
- MF : μF, PF : μμF

RESISTORS
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- F : nonflammable

COILS
- MMH : mH, UH : μH

BD

Ref.No	Part No	Description				Remark
		CONNECTOR				
N7	1-556-016-81	CONNECTOR ASSY (2.5MM) 3P				
N8	1-555-958-41	CONNECTOR ASSY (2.5MM) 2P				
		TRANSISTOR				
Q1301	8-729-178-54	TRANSISTOR 2SC2785				
Q1302	8-729-178-54	TRANSISTOR 2SC2785				
Q1303	8-729-178-54	TRANSISTOR 2SC2785				
Q1304	8-729-178-54	TRANSISTOR 2SC2785				
Q1305	8-729-178-54	TRANSISTOR 2SC2785				
Q1306	8-729-178-54	TRANSISTOR 2SC2785				
Q1307	8-729-178-54	TRANSISTOR 2SC2785				
Q1308	8-729-178-54	TRANSISTOR 2SC2785				
Q1309	8-729-178-54	TRANSISTOR 2SC2785				
Q1310	8-729-178-54	TRANSISTOR 2SC2785				
Q1311	8-729-178-54	TRANSISTOR 2SC2785				
Q1312	8-729-117-54	TRANSISTOR 2SA1175				
Q1313	8-729-117-54	TRANSISTOR 2SA1175				
Q1314	8-729-117-54	TRANSISTOR 2SA1175				
Q1315	8-725-800-00	TRANSISTOR 2SC1128				
Q1316	8-725-800-00	TRANSISTOR 2SC1128				
Q1317	8-725-800-00	TRANSISTOR 2SC1128				
Q1318	8-729-178-54	TRANSISTOR 2SC2785				
Q1319	8-729-178-54	TRANSISTOR 2SC2785				
Q1320	8-729-117-54	TRANSISTOR 2SA1175				
Q1321	8-729-178-54	TRANSISTOR 2SC2785				
Q1322	8-729-178-54	TRANSISTOR 2SC2785				
Q1323	8-729-117-54	TRANSISTOR 2SA1175				
Q1324	8-729-117-54	TRANSISTOR 2SA1175				
Q1325	8-729-178-54	TRANSISTOR 2SC2785				
Q1326	8-729-178-54	TRANSISTOR 2SC2785				
Q1327	8-729-178-54	TRANSISTOR 2SC2785				
Q1328	8-729-178-54	TRANSISTOR 2SC2785				
Q1329	8-729-178-54	TRANSISTOR 2SC2785				
Q1330	8-729-178-54	TRANSISTOR 2SC2785				
Q1331	8-729-178-54	TRANSISTOR 2SC2785				
Q1332	8-729-117-54	TRANSISTOR 2SA1175				
Q1333	8-729-117-54	TRANSISTOR 2SA1175				
Q1334	8-729-117-54	TRANSISTOR 2SA1175				
Q1335	8-729-178-54	TRANSISTOR 2SC2785				
Q1336	8-729-178-54	TRANSISTOR 2SC2785				
Q1337	8-729-178-54	TRANSISTOR 2SC2785				
Q1338	8-729-178-54	TRANSISTOR 2SC2785				
Q1339	8-729-117-54	TRANSISTOR 2SA1175				
Q1340	8-729-117-54	TRANSISTOR 2SA1175				
Q1341	8-729-178-54	TRANSISTOR 2SC2785				
Q1342	8-729-177-43	TRANSISTOR 2SD774				
Q1343	8-729-177-43	TRANSISTOR 2SD774				
Q1344	8-729-117-54	TRANSISTOR 2SA1175F				
		RESISTOR				
R1301	1-246-501-00	CARBON	15K	5%	1/4W	
R1302	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1303	1-246-446-00	CARBON	75	5%	1/4W	
R1304	1-246-473-00	CARBON	1K	5%	1/4W	
R1305	1-246-501-00	CARBON	15K	5%	1/4W	
R1306	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1307	1-246-446-00	CARBON	75	5%	1/4W	
R1308	1-246-473-00	CARBON	1K	5%	1/4W	
R1309	1-246-501-00	CARBON	15K	5%	1/4W	
R1310	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1311	1-246-446-00	CARBON	75	5%	1/4W	
R1312	1-246-473-00	CARBON	1K	5%	1/4W	
R1313	1-246-501-00	CARBON	15K	5%	1/4W	
R1314	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1315	1-246-446-00	CARBON	75	5%	1/4W	
R1316	1-246-473-00	CARBON	1K	5%	1/4W	
R1317	1-246-501-00	CARBON	15K	5%	1/4W	
R1318	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1319	1-246-446-00	CARBON	75	5%	1/4W	
R1320	1-246-473-00	CARBON	1K	5%	1/4W	
R1321	1-246-497-00	CARBON	10K	5%	1/4W	
R1322	1-246-481-00	CARBON	2.2K	5%	1/4W	
R1323	1-213-127-00	METAL	47	5%	1W	F
R1324	1-246-449-00	CARBON	100	5%	1/4W	
R1325	1-246-473-00	CARBON	1K	5%	1/4W	
R1326	1-246-473-00	CARBON	1K	5%	1/4W	
R1327	1-246-449-00	CARBON	100	5%	1/4W	
R1328	1-246-473-00	CARBON	1K	5%	1/4W	
R1329	1-246-473-00	CARBON	1K	5%	1/4W	
R1330	1-246-449-00	CARBON	100	5%	1/4W	
R1331	1-246-473-00	CARBON	1K	5%	1/4W	
R1332	1-246-473-00	CARBON	1K	5%	1/4W	
R1333	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1334	1-246-505-00	CARBON	22K	5%	1/4W	
R1335	1-246-473-00	CARBON	1K	5%	1/4W	
R1336	1-246-501-00	CARBON	15K	5%	1/4W	
R1337	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1338	1-246-473-00	CARBON	1K	5%	1/4W	
R1339	1-246-473-00	CARBON	1K	5%	1/4W	
R1340	1-246-457-00	CARBON	220	5%	1/4W	
R1341	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1342	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1343	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1344	1-246-501-00	CARBON	15K	5%	1/4W	
R1345	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1346	1-246-497-00	CARBON	10K	5%	1/4W	
R1347	1-246-473-00	CARBON	1K	5%	1/4W	
R1348	1-246-507-00	CARBON	27K	5%	1/4W	
R1349	1-246-537-00	CARBON	470K	5%	1/4W	
R1350	1-246-473-00	CARBON	1K	5%	1/4W	
R1351	1-246-493-00	CARBON	6.8K	5%	1/4W	
R1352	1-246-507-00	CARBON	27K	5%	1/4W	
R1353	1-246-537-00	CARBON	470K	5%	1/4W	
R1354	1-246-473-00	CARBON	1K	5%	1/4W	

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CAPACITORS
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RESISTORS
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COILS
• MMH : mH, UH : μH

BD BA

Ref.No	Part No	Description				Remark
R1355	1-246-513-00	CARBON	47K	5%	1/4W	
R1356	1-246-475-00	CARBON	1.2K	5%	1/4W	
R1357	1-246-461-00	CARBON	330	5%	1/4W	
R1358	1-246-461-00	CARBON	330	5%	1/4W	
R1359	1-246-461-00	CARBON	330	5%	1/4W	
R1360	1-246-465-00	CARBON	470	5%	1/4W	
R1361	1-246-465-00	CARBON	470	5%	1/4W	
R1362	1-246-465-00	CARBON	470	5%	1/4W	
R1363	1-213-131-00	METAL	100	5%	1W	F
R1364	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1365	1-246-507-00	CARBON	27K	5%	1/4W	
R1366	1-246-493-00	CARBON	6.8K	5%	1/4W	
R1367	1-246-471-00	CARBON	820	5%	1/4W	
R1368	1-246-483-00	CARBON	2.7K	5%	1/4W	
R1369	1-246-473-00	CARBON	1K	5%	1/4W	
R1370	1-246-501-00	CARBON	15K	5%	1/4W	
R1371	1-246-485-00	CARBON	3.3K	5%	1/4W	
R1372	1-246-457-00	CARBON	220	5%	1/4W	
R1373	1-246-457-00	CARBON	220	5%	1/4W	
R1374	1-246-475-00	CARBON	1.2K	5%	1/4W	
R1375	1-246-477-00	CARBON	1.5K	5%	1/4W	
R1376	1-246-475-00	CARBON	1.2K	5%	1/4W	
R1377	1-246-477-00	CARBON	1.5K	5%	1/4W	
R1378	1-246-475-00	CARBON	1.2K	5%	1/4W	
R1379	1-246-477-00	CARBON	1.5K	5%	1/4W	
R1380	1-246-465-00	CARBON	470	5%	1/4W	
R1381	1-246-465-00	CARBON	470	5%	1/4W	
R1382	1-246-465-00	CARBON	470	5%	1/4W	
R1383	1-246-493-00	CARBON	6.8K	5%	1/4W	
R1384	1-246-484-00	CARBON	3K	5%	1/4W	
R1385	1-246-473-00	CARBON	1K	5%	1/4W	
R1386	1-246-481-00	CARBON	2.2K	5%	1/4W	
R1387	1-246-475-00	CARBON	1.2K	5%	1/4W	
R1389	1-246-473-00	CARBON	1K	5%	1/4W	
R1390	1-246-473-00	CARBON	1K	5%	1/4W	
R1391	1-246-473-00	CARBON	1K	5%	1/4W	
R1392	1-246-457-00	CARBON	220	5%	1/4W	
R1393	1-246-457-00	CARBON	220	5%	1/4W	
R1394	1-246-457-00	CARBON	220	5%	1/4W	
R1395	1-246-457-00	CARBON	220	5%	1/4W	
R1396	1-246-497-00	CARBON	10K	5%	1/4W	
R1397	1-246-497-00	CARBON	10K	5%	1/4W	
R1398	1-246-497-00	CARBON	10K	5%	1/4W	
R1399	1-246-473-00	CARBON	1K	5%	1/4W	
R1400	1-246-457-00	CARBON	220	5%	1/4W	
R1401	1-246-481-00	CARBON	2.2K	5%	1/4W	
R1402	1-246-490-00	CARBON	5.1K	5%	1/4W	
R1403	1-246-499-00	CARBON	12K	5%	1/4W	
R1404	1-246-482-00	CARBON	2.4K	5%	1/4W	
R1405	1-213-125-00	METAL	33	5%	1W	F
R1406	1-211-443-00	CARBON	470	5%	1/8W	F
R1407	1-206-473-00	METAL	27	5%	2W	F
R1408	1-246-501-00	CARBON	15K	5%	1/4W	
R1409	1-217-371-00	FUSIBLE	0.47	5%	1/4W	F
R1410	1-246-457-00	CARBON	220	5%	1/4W	
R1465	1-246-471-00	CARBON	820	5%	1/4W	
R1481	1-246-471-00	CARBON	820	5%	1/4W	

VARIABLE RESISTOR

Ref.No	Part No	Description
RV1301	1-224-641-XX	RES, ADJ, CARBON 470
RV1302	1-224-641-XX	RES, ADJ, CARBON 470

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Ref.No	Part No	Description
	♠:A-1135-136-A	BA BOARD, COMPLETE
		******************
	1-141-181-11	CAP, TRIMMER
	♠:1-508-784-00	1P PLUG
	♠:1-509-832-00	CONNECTOR ASSY, 1P

CONNECTOR

Ref.No	Part No	Description
B1	♠:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
B2	♠:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
B4	♠:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
B6	♠:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
B7	♠:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
B8	♠:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
B10	♠:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P
BA3	♠:1-508-766-00	4P PLUG (M)
BA5	1-555-958-31	CONNECTOR ASSY (2.5MM) 2P
BA5	♠:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
BA9	♠:1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P

CAPACITOR

Ref.No	Part No	Description				Remark
C301	1-123-333-00	ELECT	100MF	20%	25V	
C302	1-123-333-00	ELECT	100MF	20%	25V	
C304	1-123-356-00	ELECT	10MF	20%	25V	
C305	1-102-973-00	CERAMIC	100PF	5%	50V	
C306	1-123-380-00	ELECT	1MF	20%	50V	
C307	1-123-380-00	ELECT	1MF	20%	50V	
C308	1-102-978-00	CERAMIC	220PF	5%	50V	
C309	1-123-380-00	ELECT	1MF	20%	50V	
C310	1-102-971-00	CERAMIC	82PF	5%	50V	
C312	1-102-973-00	CERAMIC	100PF	5%	50V	
C313	1-102-978-00	CERAMIC	220PF	5%	50V	
C314	1-102-858-00	CERAMIC	10PF	0.5PF	50V	
C315	1-102-858-00	CERAMIC	10PF	0.5PF	50V	
C316	1-123-380-00	ELECT	1MF	20%	50V	
C317	1-123-380-00	ELECT	1MF	20%	50V	
C318	1-108-381-00	MYLAR	0.022MF	10%	100V	
C319	1-108-385-00	MYLAR	0.047MF	10%	100V	
C320	1-108-369-00	MYLAR	0.0022MF	10%	100V	
C321	1-102-973-00	CERAMIC	100PF	5%	50V	
C322	1-102-971-00	CERAMIC	82PF	5%	50V	
C323	1-123-380-00	ELECT	1MF	20%	50V	
C324	1-123-380-00	ELECT	1MF	20%	50V	
C325	1-123-318-00	ELECT	33MF	20%	16V	

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RESISTORS
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COILS
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Ref.No	Part No	Description			Remark
C326	1-123-356-00	ELECT	10MF	20%	25V
C327	1-123-356-00	ELECT	10MF	20%	16V
C328	1-123-380-00	ELECT	1MF	20%	50V
C329	1-123-380-00	ELECT	1MF	20%	50V
C330	1-123-356-00	ELECT	10MF	20%	50V
C331	1-108-389-00	MYLAR	0.1MF	10%	100V
C332	1-108-389-00	MYLAR	0.1MF	10%	100V
C333	1-108-378-00	MYLAR	0.012MF	10%	100V
C334	1-123-318-00	ELECT	33MF	20%	16V
C335	1-123-333-00	ELECT	100MF	20%	25V
C336	1-123-356-00	ELECT	10MF	20%	50V
C337	1-101-810-00	CERAMIC	100PF	5%	500V
C338	1-123-333-00	ELECT	100MF	20%	16V
C339	1-101-880-00	CERAMIC	47PF	5%	50V
C340	1-123-356-00	ELECT	10MF	20%	16V
C341	1-102-963-00	CERAMIC	33PF	5%	50V
C342	1-121-961-00	ELECT	4.7MF	20%	25V
C375	1-121-806-00	ELECT	10MF		16V
C401	1-102-959-00	CERAMIC	22PF	5%	50V
C402	1-123-380-00	ELECT	1MF	20%	50V
C403	1-102-953-00	CERAMIC	18PF	5%	50V
C404	1-123-380-00	ELECT	1MF	20%	50V
C406	1-123-380-00	ELECT	1MF	20%	50V
C407	1-123-380-00	ELECT	1MF	20%	50V
C409	1-102-965-00	CERAMIC	39PF	5%	50V
C410	1-101-888-00	CERAMIC	68PF	5%	50V
C411	1-123-379-00	ELECT	0.47MF	20%	50V
C412	1-123-356-00	ELECT	10MF	20%	16V
C413	1-102-978-00	CERAMIC	220PF	5%	50V
C414	1-102-129-00	CERAMIC	0.01MF	10%	50V
C415	1-102-115-00	CERAMIC	560PF	10%	50V
C416	1-123-379-00	ELECT	0.47MF	20%	50V
C417	1-123-356-00	ELECT	10MF	20%	16V
C418	1-101-004-00	CERAMIC	0.01MF		50V
C419	1-123-586-00	ELECT	0.1MF	20%	50V
C420	1-121-392-00	ELECT	3.3MF		25V
C421	1-123-328-00	ELECT	4.7MF	20%	25V
C422	1-123-447-00	ELECT	0.22MF	20%	50V
C423	1-123-447-00	ELECT	0.22MF	20%	50V
C424	1-102-973-00	CERAMIC	100P	5%	50V
C425	1-102-978-00	CERAMIC	220P	5%	50V
C426	1-102-959-00	CERAMIC	22PF	5%	50V
C428	1-108-634-00	MYLAR	0.047MF	10%	100V
C429	1-102-965-00	CERAMIC	39PF	5%	50V
C430	1-102-965-00	CERAMIC	39PF	5%	50V
C431	1-102-965-00	CERAMIC	39PF	5%	50V
C432	1-123-381-00	ELECT	2.2MF	20%	50V
C435	1-101-884-00	CERAMIC	56PF	5%	50V
C436	1-102-947-00	CERAMIC	10PF	5%	50V
C437	1-102-971-00	CERAMIC	82PF	5%	50V
C438	1-101-888-00	CERAMIC	68PF	5%	50V
C439	1-123-380-00	ELECT	1MF	20%	50V
C454	1-102-888-00	CERAMIC	150PF	5%	50V

Ref.No	Part No	Description			Remark
C455	1-101-361-00	CERAMIC	150PF	5%	50V
C456	1-123-356-00	ELECT	10MF	20%	25V
C457	1-102-965-00	CERAMIC	39P	10%	50V

FILTER

CF301	1-409-332-00	CERAMIC TRAP (4.5MHZ)

TRIMMER

CT301	1-141-212-00	CAP, TRIMMER

DIODE

D301	=>8-719-911-19	DIODE 1S119
D302	=>8-719-911-19	DIODE 1S119
D303	=>8-719-911-19	DIODE 1S119
D304	8-719-175-07	DIODE RD7.5E-B

DELAY LINE

DL301	1-415-207-21	DELAY LINE (1H)

IC

IC301	8-759-908-41	IC CX-841
IC302	8-759-125-56	IC CX-556B

COIL

L301	1-407-696-00	MICRO INDUCTOR 18UH
L302	1-407-571-00	COIL, VARIABLE 22MH
L303	1-407-696-00	MICRO INDUCTOR 18UH
L304	1-407-695-00	MICRO INDUCTOR 15UH
L305	1-407-701-00	MICRO INDUCTOR 47UH
L306	1-407-693-00	MICRO INDUCTOR 10UH
L307	1-407-697-00	MICRO INDUCTOR 22UH
L308	1-409-193-00	COIL 3.58MHZ TRAP
L309	1-408-247-00	MICRO INDUCTOR 33MMH
L310	1-407-695-00	MICRO INDUCTOR 15UH
L401	1-407-166-XX	MICRO INDUCTOR 56UH
L402	1-407-701-00	MICRO INDUCTOR 47UH
L403	1-407-706-00	MICRO INDUCTOR 120UH
L404	1-408-243-00	MICRO INDUCTOR 12MMH
L405	1-407-694-00	MICRO INDUCTOR 12UH
L406	1-407-694-00	MICRO INDUCTOR 12UH
L407	1-407-694-00	MICRO INDUCTOR 12UH
L409	1-407-695-00	MICRO INDUCTOR 15UH
L411	1-408-438-11	MICRO INDUCTOR 4.7UH
L412	1-408-438-11	MICRO INDUCTOR 4.7UH
L413	1-408-438-11	MICRO INDUCTOR 4.7UH

TRANSISTOR

Q301	8-729-178-54	TRANSISTOR 2SC2785
Q302	8-729-178-54	TRANSISTOR 2SC2785
Q303	8-729-178-54	TRANSISTOR 2SC2785
Q304	8-729-178-54	TRANSISTOR 2SC2785
Q305	8-729-117-54	TRANSISTOR 2SA1175

NOTE:

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- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

BA

Ref.No	Part No	Description				Remark
Q306	8-729-178-54	TRANSISTOR 2SC2785				
Q307	8-729-178-54	TRANSISTOR 2SC2785				
Q308	8-729-178-54	TRANSISTOR 2SC2785				
Q309	8-729-178-54	TRANSISTOR 2SC2785				
Q310	=>8-729-178-54	TRANSISTOR 2SC2785				
Q311	=>8-729-178-54	TRANSISTOR 2SC2785				
Q312	=>8-729-117-54	TRANSISTOR 2SA1175				
Q313	=>8-729-178-54	TRANSISTOR 2SC2785				
Q315	=>8-729-178-54	TRANSISTOR 2SC2785				
Q316	=>8-729-178-54	TRANSISTOR 2SC2785				
Q317	8-729-178-54	TRANSISTOR 2SC2785				
Q318	8-729-117-54	TRANSISTOR 2SA1175				
Q319	=>8-729-178-54	TRANSISTOR 2SC2785				
Q320	8-729-117-54	TRANSISTOR 2SA1175				
Q321	8-729-117-54	TRANSISTOR 2SA1175				
Q322	8-729-178-54	TRANSISTOR 2SC2785				
Q323	8-729-178-54	TRANSISTOR 2SC2785				
Q324	8-729-178-54	TRANSISTOR 2SC2785				
Q325	8-729-178-54	TRANSISTOR 2SC2785				
Q327	8-729-178-54	TRANSISTOR 2SC2785				
Q328	8-729-178-54	TRANSISTOR 2SC2785-R				
Q329	8-729-117-51	TRANSISTOR 2SA1175-R				
Q401	8-729-178-54	TRANSISTOR 2SC2785				
Q402	=>8-729-117-54	TRANSISTOR 2SA1175				
Q403	=>8-729-178-54	TRANSISTOR 2SC2785				
Q404	=>8-729-178-54	TRANSISTOR 2SC2785				
Q405	=>8-729-178-54	TRANSISTOR 2SC2785				
		RESISTOR				
R301	1-246-497-00	CARBON	10K	5%	1/4W	
R302	1-246-473-00	CARBON	1K	5%	1/4W	
R303	1-246-493-00	CARBON	6.8K	5%	1/4W	
R304	1-246-493-00	CARBON	6.8K	5%	1/4W	
R305	1-246-477-00	CARBON	1.5K	5%	1/4W	
R306	1-246-465-00	CARBON	470	5%	1/4W	
R307	1-246-493-00	CARBON	6.8K	5%	1/4W	
R308	1-246-471-00	CARBON	820	5%	1/4W	
R309	1-246-501-00	CARBON	15K	5%	1/4W	
R310	1-246-501-00	CARBON	15K	5%	1/4W	
R311	1-246-495-00	CARBON	8.2K	5%	1/4W	
R312	1-246-465-00	CARBON	470	5%	1/4W	
R313	1-246-465-00	CARBON	470	5%	1/4W	
R314	1-246-477-00	CARBON	1.5K	5%	1/4W	
R315	1-246-481-00	CARBON	2.2K	5%	1/4W	
R316	1-246-457-00	CARBON	220	5%	1/4W	
R317	1-246-469-00	CARBON	680	5%	1/4W	
R318	1-246-445-00	CARBON	68	5%	1/4W	
R319	1-246-457-00	CARBON	220	5%	1/4W	
R320	1-246-469-00	CARBON	680	5%	1/4W	
R321	1-246-459-00	CARBON	270	5%	1/4W	
R322	1-246-469-00	CARBON	680	5%	1/4W	
R323	1-246-469-00	CARBON	680	5%	1/4W	
R324	1-246-469-00	CARBON	680	5%	1/4W	

Ref.No	Part No	Description				Remark
R325	1-246-469-00	CARBON	680	5%	1/4W	
R326	1-246-473-00	CARBON	1K	5%	1/4W	
R327	1-246-473-00	CARBON	1K	5%	1/4W	
R328	1-246-465-00	CARBON	470	5%	1/4W	
R329	1-246-471-00	CARBON	820	5%	1/4W	
R331	1-246-473-00	CARBON	1K	5%	1/4W	
R332	1-246-459-00	CARBON	270	5%	1/4W	
R333	1-246-459-00	CARBON	270	5%	1/4W	
R334	1-246-465-00	CARBON	470	5%	1/4W	
R335	1-246-475-00	CARBON	1.2K	5%	1/4W	
R336	1-246-461-00	CARBON	330	5%	1/4W	
R337	1-246-473-00	CARBON	1K	5%	1/4W	
R338	1-246-473-00	CARBON	1K	5%	1/4W	
R339	1-246-457-00	CARBON	220	5%	1/4W	
R340	1-246-467-00	CARBON	560	5%	1/4W	
R341	1-246-491-00	CARBON	5.6K	5%	1/4W	
R342	1-246-483-00	CARBON	2.7K	5%	1/4W	
R343	1-246-457-00	CARBON	220	5%	1/4W	
R344	1-246-469-00	CARBON	680	5%	1/4W	
R345	1-246-487-00	CARBON	3.9K	5%	1/4W	
R346	1-202-667-00	COMPOSITION	8.2M	5%	1/2W	
R347	1-246-513-00	CARBON	47K	5%	1/4W	
R348	1-246-543-00	CARBON	820K	5%	1/4W	
R349	1-246-483-00	CARBON	2.7K	5%	1/4W	
R350	1-246-493-00	CARBON	6.8K	5%	1/4W	
R351	1-202-645-00	COMPOSITION	1M	5%	1/2W	
R352	1-202-645-00	COMPOSITION	1M	5%	1/2W	
R353	1-246-493-00	CARBON	6.8K	5%	1/4W	
R354	1-246-481-00	CARBON	2.2K	5%	1/4W	
R355	1-246-497-00	CARBON	10K	5%	1/4W	
R356	1-246-507-00	CARBON	27K	5%	1/4W	
R357	1-246-499-00	CARBON	12K	5%	1/4W	
R358	1-246-497-00	CARBON	10K	5%	1/4W	
R359	1-246-495-00	CARBON	8.2K	5%	1/4W	
R360	1-246-490-00	CARBON	5.1K	5%	1/4W	
R361	1-246-507-00	CARBON	27K	5%	1/4W	
R362	1-246-517-00	CARBON	68K	5%	1/4W	
R363	1-246-473-00	CARBON	1K	5%	1/4W	
R364	1-246-489-00	CARBON	4.7K	5%	1/4W	
R365	1-246-499-00	CARBON	12K	5%	1/4W	
R366	1-246-467-00	CARBON	560	5%	1/4W	
R367	1-246-521-00	CARBON	100K	5%	1/4W	
R368	1-246-497-00	CARBON	10K	5%	1/4W	
R369	1-246-457-00	CARBON	220	5%	1/4W	
R370	1-246-481-00	CARBON	2.2K	5%	1/4W	
R371	1-246-487-00	CARBON	3.9K	5%	1/4W	
R372	1-246-473-00	CARBON	1K	5%	1/4W	
R373	1-246-473-00	CARBON	1K	5%	1/4W	
R374	1-246-467-00	CARBON	560	5%	1/4W	
R375	1-246-485-00	CARBON	3.3K	5%	1/4W	
R376	1-246-509-00	CARBON	33K	5%	1/4W	
R377	1-246-771-00	CARBON	100		1/8W	
R378	1-246-467-00	CARBON	560	5%	1/4W	

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COILS
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Ref.No	Part No	Description				Remark
R379	1-246-473-00	CARBON	1K	5%	1/4W	
R381	1-246-495-00	CARBON	8.2K	5%	1/4W	
R383	1-246-497-00	CARBON	10K	5%	1/4W	
R384	1-246-481-00	CARBON	2.2K	5%	1/4W	
R386	1-246-485-00	CARBON	3.3K	5%	1/4W	
R388	1-246-521-00	CARBON	100K	5%	1/4W	
R401	1-246-472-00	CARBON	910	5%	1/4W	
R402	1-246-479-00	CARBON	1.8K	5%	1/4W	
R403	1-246-479-00	CARBON	1.8K	5%	1/4W	
R404	1-246-471-00	CARBON	820	5%	1/4W	
R405	1-246-487-00	CARBON	3.9K	5%	1/4W	
R406	1-246-497-00	CARBON	10K	5%	1/4W	
R407	1-246-479-00	CARBON	1.8K	5%	1/4W	
R408	1-246-487-00	CARBON	3.9K	5%	1/4W	
R409	1-246-473-00	CARBON	1K	5%	1/4W	
R410	1-246-483-00	CARBON	2.7K	5%	1/4W	
R411	1-246-455-00	CARBON	180	5%	1/4W	
R412	1-246-495-00	CARBON	8.2K	5%	1/4W	
R413	1-246-483-00	CARBON	2.7K	5%	1/4W	
R414	1-246-477-00	CARBON	1.5K	5%	1/4W	
R415	1-246-483-00	CARBON	2.7K	5%	1/4W	
R416	1-246-473-00	CARBON	1K	5%	1/4W	
R417	1-246-483-00	CARBON	2.7K	5%	1/4W	
R418	1-246-477-00	CARBON	1.5K	5%	1/4W	
R419	1-246-473-00	CARBON	1K	5%	1/4W	
R420	1-246-473-00	CARBON	1K	5%	1/4W	
R421	1-246-505-00	CARBON	22K	5%	1/4W	
R422	1-246-497-00	CARBON	10K	5%	1/4W	
R423	1-246-506-00	CARBON	24K	5%	1/4W	
R424	1-246-439-00	CARBON	39	5%	1/4W	
R424	1-246-539-00	CARBON	560K	5%	1/4W	
R425	1-246-461-00	CARBON	330	5%	1/4W	
R426	1-246-467-00	CARBON	560	5%	1/4W	
R427	1-246-499-00	CARBON	12K	5%	1/4W	
R429	1-246-497-00	CARBON	10K	5%	1/4W	
R430	1-246-461-00	CARBON	330	5%	1/4W	
R431	1-246-473-00	CARBON	1K	5%	1/4W	
R432	1-246-477-00	CARBON	1.5K	5%	1/4W	
R433	1-246-461-00	CARBON	330	5%	1/4W	
R434	1-246-461-00	CARBON	330	5%	1/4W	
R435	1-246-461-00	CARBON	330	5%	1/4W	
R436	1-246-489-00	CARBON	4.7K	5%	1/4W	
R437	1-246-497-00	CARBON	10K	5%	1/4W	
R438	1-246-485-00	CARBON	3.3K	5%	1/4W	
R439	1-246-497-00	CARBON	10K	5%	1/4W	
R440	1-246-505-00	CARBON	22K	5%	1/4W	
R441	1-246-497-00	CARBON	10K	5%	1/4W	
R442	1-246-505-00	CARBON	22K	5%	1/4W	
R443	1-246-485-00	CARBON	3.3K	5%	1/4W	
R446	1-246-473-00	CARBON	1K	5%	1/4W	
R447	1-246-487-00	CARBON	3.9K	5%	1/4W	
R448	1-246-465-00	CARBON	470	5%	1/4W	
R449	1-246-479-00	CARBON	1.8K	5%	1/4W	
R450	1-246-459-00	CARBON	270	5%	1/4W	
R451	1-246-473-00	CARBON	1K	5%	1/4W	
R452	1-246-465-00	CARBON	470	5%	1/4W	
R454	1-246-481-00	CARBON	2.2K	5%	1/4W	

Ref.No	Part No	Description				Remark
R455	1-246-499-00	CARBON	12K	5%	1/4W	
R456	1-246-461-00	CARBON	330	5%	1/4W	
R457	1-246-513-00	CARBON	47K	5%	1/4W	
R458	1-246-495-00	CARBON	8.2K	5%	1/4W	
R459	1-246-457-00	CARBON	220	5%	1/4W	
R460	1-246-457-00	CARBON	220	5%	1/4W	
R461	1-246-457-00	CARBON	220	5%	1/4W	
R470	1-246-497-00	CARBON	10K	5%	1/4W	
R472	1-246-465-00	CARBON	470	5%	1/4W	

VARIABLE RESISTOR

RV301	1-224-640-XX	RES, ADJ, CARBON 330
RV401	1-224-552-00	RES, ADJ, CARBON 470K
RV402	1-224-644-XX	RES, ADJ, CARBON 4.7K

TRANSFORMER

T401	1-425-786-00	TRANSFORMER, BANDPASS(BPT)

CRYSTAL

X401	1-527-396-00	CRYSTAL, OSC

****

♠:1-602-171-00 P BOARD
****

T1551⚠	1-439-276-00	TRANSFORMER ASSY, FLYBACK;FBT

****

♠:1-601-981-00 Z BOARD
****

CAPACITOR

C1905	1-102-030-00	CERAMIC	330PF	10%	500V

TRANSISTOR

Q1904	8-729-372-31	TRANSISTOR 2SC1723

****

♠:1-606-053-00 F BOARD
****

CAPACITOR

C621 ⚠	.1-102-189-00	CERAMIC	0.0047MF	125V
C622 ⚠	.1-102-189-00	CERAMIC	0.0047MF	125V
C623 ⚠	.1-125-260-00	ELECT	470MF	200V
C624 ⚠	.1-125-260-00	ELECT	470MF	200V

DIODE

D621	=>8-719-911-55	DIODE U05G
D622	=>8-719-911-55	DIODE U05G

CONNECTOR

F1	1-508-765-00	3P PLUG (M)

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RESISTORS
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COILS
- MMH : mH, UH : μH

F U1 U2 N

Ref.No	Part No	Description				Remark
F2	1-506-348-XX	3P PLUG (L)				
		RESISTOR				
R621 ⚠	1-244-925-00	CARBON	150K	5%	1/2W	
R622 ⚠	1-244-927-00	CARBON	180K	5%	1/2W	

****

♠:1-606-092-00 U1 BOARD
****

Ref.No	Part No	Description				Remark
		CAPACITOR				
C01	1-108-583-00	MYLAR	0.015MF	5%	50V	
C02	1-108-583-00	MYLAR	0.015MF	5%	50V	
		RESISTOR				
R01	1-246-446-00	CARBON	75	5%	1/4W	
R02	1-246-442-00	CARBON	51	5%	1/4W	
		VARIABLE RESISTOR				
RV901	1-228-490-00	RES, VAR, CARBON 10K				

****

♠:1-606-048-00 U2 BOARD
****

♠:1-560-686-00 CONNECTOR (PLUG) 34P

Ref.No	Part No	Description	Remark
		CONNECTOR	
BD1	1-556-098-21	CONNECTOR ASSY (2.5MM) 12P	
BD2	1-555-965-71	CONNECTOR ASSY (2.5MM) 5P	
BD3	1-556-002-51	CONNECTOR ASSY (2.5MM) 6P	

****

♠:A-1280-099-A N BOARD, COMPLETE
****

♠:1-508-915-11 PLUG, 1P

Ref.No	Part No	Description				Remark
		CAPACITOR				
C101	1-102-980-00	CERAMIC	270PF	5%	50V	
C102	1-102-824-00	CERAMIC	430PF	5%	50V	
C103	1-102-978-00	CERAMIC	220PF	5%	50V	
C104	1-123-382-00	ELECT	3.3MF	20%	50V	
C105	1-123-356-00	ELECT	10MF	20%	16V	
C106	1-123-336-00	ELECT	470MF	20%	25V	
C107	1-101-003-00	CERAMIC	0.0047MF		50V	
C108	1-101-003-00	CERAMIC	0.0047MF		50V	
C109	1-101-003-00	CERAMIC	0.0047MF		50V	
C110	1-123-356-00	ELECT	10MF	20%	16V	
C111	1-101-006-00	CERAMIC	0.047MF		50V	
C112	1-123-323-00	ELECT	470MF	20%	16V	
C113	1-123-330-00	ELECT	22MF	20%	16V	
C114	1-123-356-00	ELECT	10MF	20%	16V	
C115	1-131-345-00	TANTALUM	0.47MF	20%	35V	
C115	1-131-345-00	TANTALUM	0.47MF	10%	35V	
C116	1-101-003-00	CERAMIC	0.0047MF		50V	
C117	1-102-074-00	CERAMIC	0.001MF	10%	50V	
C118	1-131-345-00	TANTALUM	0.47MF	10%	35V	
C119	1-232-019-00	COMPOSITION CIRCUIT BLOCK				
C120	1-102-074-00	CERAMIC	0.001MF		50V	
		COMPOSITION CIRCUIT BLOCK				
CP101	1-232-185-11	COMPOSITION CIRCUIT BLOCK				
		DIODE				
D101	=>8-719-911-19	DIODE 1SS119				
D102	=>8-719-911-19	DIODE 1SS119				
D103	=>8-719-911-19	DIODE 1SS119				
D104	=>8-719-911-19	DIODE 1SS119				
D105	=>8-719-911-19	DIODE 1SS119				
D106	=>8-719-911-19	DIODE 1SS119				
D107	=>8-719-900-93	DIODE V09C				
D108	=>8-719-900-93	DIODE V09C				
D109	=>8-719-900-93	DIODE V09C				
D110	=>8-719-900-93	DIODE V09C				
D111	=>8-719-900-93	DIODE V09C				
D112	8-719-111-07	DIODE RD11E-B				
D113	8-719-102-82	DIODE RD7.5E-N3				
		IC				
IC101	8-759-162-36	IC UPD546C236				
IC102	8-759-240-16	IC TC4016BP				
IC103	8-759-145-58	IC UPC4558C				
		CONNECTOR				
K2	1-556-016-71	CONNECTOR ASSY (2.5MM) 3P				
		COIL				
L101	1-408-398-00	MICRO INDUCTOR 1.2UH				
		CONNECTOR				
N1	♠:1-506-371-00	2P PLUG (L)				
N2	♠:1-508-786-00	2P PLUG (M)				
N3	♠:1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P				
N4	♠:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
N5	♠:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
N6	♠:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P				
N7	♠:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P				
N8	♠:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)				
N9	♠:1-508-784-00	1P PLUG				
		TRANSISTOR				
Q101	8-729-178-54	TRANSISTOR 2SC2785				
Q102	8-729-178-54	TRANSISTOR 2SC2785				
Q103	8-729-117-54	TRANSISTOR 2SA1175				

NOTE:

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- Items marked " ♠ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

N **C**

Ref.No	Part No	Description				Remark
Q104	8-729-178-54	TRANSISTOR 2SC2785				
Q105	8-729-178-54	TRANSISTOR 2SC2785				
Q106	8-729-178-54	TRANSISTOR 2SC2785				
Q107	8-729-117-54	TRANSISTOR 2SA1175				
Q108	8-729-178-54	TRANSISTOR 2SC2785				
Q109	8-729-177-43	TRANSISTOR 2SD774				
Q110	8-729-117-54	TRANSISTOR 2SA1175-R				
Q111	8-729-117-54	TRANSISTOR 2SA1175-R				
Q112	=>8-769-200-20	TRANSISTOR 2SK107-2				

RESISTOR

Ref.No	Part No	Description				Remark
R101	1-246-537-00	CARBON	470K	5%	1/4W	
R102	1-246-473-00	CARBON	1K	5%	1/4W	
R103	1-246-473-00	CARBON	1K	5%	1/4W	
R104	1-246-473-00	CARBON	1K	5%	1/4W	
R105	1-246-505-00	CARBON	22K	5%	1/4W	
R106	1-246-505-00	CARBON	22K	5%	1/4W	
R107	1-246-505-00	CARBON	22K	5%	1/4W	
R108	1-246-489-00	CARBON	4.7K	5%	1/4W	
R109	1-246-485-00	CARBON	3.3K	5%	1/4W	
R110	1-246-515-00	CARBON	56K	5%	1/4W	
R111	1-246-505-00	CARBON	22K	5%	1/4W	
R112	1-246-497-00	CARBON	10K	5%	1/4W	
R113	1-246-497-00	CARBON	10K	5%	1/4W	
R114	1-246-497-00	CARBON	10K	5%	1/4W	
R115	1-246-497-00	CARBON	10K	5%	1/4W	
R116	1-246-505-00	CARBON	22K	5%	1/4W	
R117	1-246-515-00	CARBON	56K	5%	1/4W	
R118	1-246-513-00	CARBON	47K	5%	1/4W	
R119	1-246-505-00	CARBON	22K	5%	1/4W	
R120	1-246-489-00	CARBON	4.7K	5%	1/4W	
R121	1-246-505-00	CARBON	22K	5%	1/4W	
R122	1-246-475-00	CARBON	1.2K	5%	1/4W	
R123	1-246-505-00	CARBON	22K	5%	1/4W	
R124	1-246-495-00	CARBON	8.2K	5%	1/4W	
R125	1-246-475-00	CARBON	1.2K	5%	1/4W	
R126	1-246-515-00	CARBON	56K	5%	1/4W	
R127	1-246-509-00	CARBON	33K	5%	1/4W	
R128	1-246-491-00	CARBON	5.6K	5%	1/4W	
R129	1-246-505-00	CARBON	22K	5%	1/4W	
R130	1-246-499-00	CARBON	12K	5%	1/4W	
R131	1-246-473-00	CARBON	1K	5%	1/4W	
R132 ⚠	1-247-023-00	CARBON	2.2	5%	1/8W	F
R133	1-211-409-00	CARBON	10	5%	1/8W	F
R134	1-206-479-00	METAL	47	5%	2W	F
R135	1-246-473-00	CARBON	1K	5%	1/4W	
R136	1-246-530-00	CARBON	240K	5%	1/4W	
R137	1-246-505-00	CARBON	22K	5%	1/4W	
R138	1-246-497-00	CARBON	10K	5%	1/4W	
R139	1-246-477-00	CARBON	1.5K	5%	1/4W	
R140	1-246-485-00	CARBON	3.3K	5%	1/4W	
R141	1-246-494-00	CARBON	7.5K	5%	1/4W	
R142	1-246-489-00	CARBON	4.7K	5%	1/4W	
R143	1-246-473-00	CARBON	1K	5%	1/4W	
R144	1-246-473-00	CARBON	1K	5%	1/4W	
R145	1-246-513-00	CARBON	47K	5%	1/4W	
R146	1-246-487-00	CARBON	3.9K	5%	1/4W	
R147	1-246-505-00	CARBON	22K	5%	1/4W	
R148	1-246-505-00	CARBON	22K	5%	1/4W	
R149	1-246-479-00	CARBON	1.8K	5%	1/4W	
R150	1-246-497-00	CARBON	10K	5%	1/4W	
R151	1-246-497-00	CARBON	10K	5%	1/4W	
R152	1-246-497-00	CARBON	10K	5%	1/4W	
R153	1-246-473-00	CARBON	1K	5%	1/4W	
R154	1-246-473-00	CARBON	1K	5%	1/4W	
R155	1-246-473-00	CARBON	1K	5%	1/4W	
R156	1-246-497-00	CARBON	10K	5%	1/4W	
R157	1-232-184-11	COMPOSITION CIRCUIT BLOCK				
R158	1-231-569-00	COMPOSITION CIRCUIT BLOCK				
R159	1-246-473-00	CARBON	1K	5%	1/4W	
R160	1-235-084-00	RES, COMPONENT				

RELAY

Ref.No	Part No	Description
RL101 ⚠	1-515-357-00	RELAY

CRYSTAL

Ref.No	Part No	Description
X101	1-527-532-00	OSCILLATOR, CERAMIC

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Ref.No	Part No	Description
	♠:A-1330-335-A	C BAORD, COMPLETE

Ref.No	Part No	Description
	1-526-560-41	SOCKET ASSY, CRT
	♠:1-606-052-00	PC BOARD, C
	♠:4-314-225-00	HEAT SINK, (A)
	1-555-965-61	CONNECTOR ASSY (2.5MM) 5P

CONNECTOR

Ref.No	Part No	Description
C1	♠:1-506-371-00	2P PLUG
C2	♠:1-508-784-00	1P PLUG

CAPACITOR

Ref.No	Part No	Description			
C701	1-129-779-00	FILM	0.022MF	20%	1KV
C702	1-102-155-00	CERAMIC	330PF	20%	2KV
C703	1-123-383-00	ELECT	4.7MF	20%	100V
C704	1-102-959-00	CERAMIC	22PF	5%	50V
C706	1-123-330-00	ELECT	22MF	20%	25V
C707	1-102-959-00	CERAMIC	22PF	5%	50V
C708	1-102-959-00	CERAMIC	22PF	5%	50V
C709	1-121-759-00	ELECT	4.7MF		250V
C710	1-123-356-00	ELECT	10MF	20%	16V
C711	1-108-385-00	MYLAR	0.047MF	10%	100V
C713	1-102-129-00	CERAMIC	0.01MF	10%	50V
C714	1-101-004-00	CERAMIC	0.01MF		50V
C715	1-101-004-00	CERAMIC	0.01MF		50V
C716	1-123-356-00	ELECT	10MF	20%	25V

NOTE:

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CAPACITORS
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RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

C

Ref.No	Part No	Description			Remark
C717	1-101-004-00	CERAMIC	0.01MF		50V
C718	1-101-004-00	CERAMIC	0.01MF		50V
C719	1-108-433-00	MYLAR	0.1MF	10%	200V
C720	1-102-212-00	CERAMIC	820PF	10%	500V
C721	1-102-212-00	CERAMIC	820PF	10%	500V
C724	1-123-330-00	ELECT	22MF	20%	25V
C726	1-101-004-00	CERAMIC	0.01MF		50V
C727	1-123-356-00	ELECT	10MF	20%	25V
C728	1-101-845-00	CERAMIC	0.001MF		500V
C730	1-108-704-00	MYLAR	0.1MF		200V
C731	1-101-361-00	CERAMIC	150PF		50V
C732	1-101-884-00	CERAMIC	56PF		50V
C733	1-101-884-00	CERAMIC	56PF		50V
C734	1-123-329-00	ELECT	10MF		25V

CONNECTOR

Ref.No	Part No	Description
D11	♠:1-555-226-00	CONNECTOR, MINIATURE 1P
D13	♠:1-555-226-00	CONNECTOR, MINIATURE 1P
D17	♠:1-555-018-00	CONNECTOR ASSY, MINIATURE 3P
D18	♠:1-555-226-00	CONNECTOR, MINIATURE 1P
D30	♠:1-555-346-00	CONNECTOR, MINIATURE 1P

DIODE

Ref.No	Part No	Description
D701	=>8-719-300-76	DIODE RH1A
D702	=>8-719-300-76	DIODE RH1A
D703	=>8-719-300-76	DIODE RH1A
D708	=>8-719-911-19	DIODE 1SS119
D709	=>8-719-911-19	DIODE 1SS119
D710	=>8-719-911-19	DIODE 1SS119
D711	=>8-719-911-19	DIODE 1SS119
D712	=>8-719-200-02	DIODE DIODE 10E2

COIL

Ref.No	Part No	Description
L701	1-407-175-XX	MICRO INDUCTOR 330UH
L702	1-407-175-XX	MICRO INDUCTOR 330UH
L703	1-407-206-XX	MICRO INDUCTOR 10MMH
L704	1-407-703-00	MICRO INDUCTOR 68UH
L705	1-407-703-00	MICRO INDUCTOR 68UH
L706	1-407-705-11	MICRO INDUCTOR 100UH

NEON LAMP

Ref.No	Part No	Description
NL701	1-519-108-XX	LAMP, NEON ASSY
NL702	1-519-108-XX	LAMP, NEON ASSY
NL703	1-519-013-13	DISCHARGE TUBE
NL704	1-519-013-13	DISCHARGE TUBE

TRANSISTOR

Ref.No	Part No	Description
Q701	8-729-322-78	TRANSISTOR 2SC2278
Q702	8-729-322-78	TRANSISTOR 2SC2278
Q703	8-729-322-78	TRANSISTOR 2SC2278
Q704	=>8-729-663-47	TRANSISTOR 2SC1364
Q705	=>8-729-663-47	TRANSISTOR 2SC1364
Q706	=>8-729-663-47	TRANSISTOR 2SC1364
Q707	8-729-374-02	TRANSISTOR 2SB740
Q708	=>8-729-663-47	TRANSISTOR 2SC1364
Q709	=>8-729-663-47	TRANSISTOR 2SC1364
Q710	=>8-729-663-47	TRANSISTOR 2SC1364
Q711	8-729-322-78	TRANSISTOR 2SC2278
Q712	8-729-322-78	TRANSISTOR 2SC2278
Q713	8-729-178-54	TRANSISTOR 2SC2785

RESISTOR

Ref.No	Part No	Description				Remark
R701	1-202-636-00	COMPOSITION	430K	5%	1/2W	
R702	1-202-720-00	COMPOSITION	1.2M	10%	1/2W	
R703	1-202-543-00	COMPOSITION	56	10%	1/2W	
R704	1-202-844-51	COMPOSITION	330K		1/2W	
R705	1-202-613-00	COMPOSITION	47K	5%	1/2W	
R706	1-202-637-00	COMPOSITION	470K	10%	1/2W	
R707	1-244-929-00	COMPOSITION	220K	10%	1/2W	
R708	1-246-497-00	CARBON	10K	5%	1/4W	
R709	1-246-491-00	CARBON	5.6K	5%	1/4W	
R710	1-244-933-00	CARBON	330K	5%	1/2W	
R711	1-246-473-00	CARBON	1K	5%	1/4W	
R712	1-246-517-00	CARBON	68K	5%	1/4W	
R713	1-206-749-00	METAL	10K	5%	3W	F
R714	1-246-437-00	CARBON	33	5%	1/4W	
R715	1-246-491-00	CARBON	5.6K	5%	1/4W	
R716	1-246-477-00	CARBON	1.5K	5%	1/4W	
R718	1-202-585-00	COMPOSITION	3.3K	10%	1/2W	
R719	1-202-585-00	COMPOSITION	3.3K	10%	1/2W	
R722	1-206-749-00	METAL	10K	5%	3W	F
R723	1-246-497-00	CARBON	10K	5%	1/4W	
R724	1-244-933-00	CARBON	330K	5%	1/2W	
R725	1-246-491-00	CARBON	5.6K	5%	1/4W	
R726	1-246-473-00	CARBON	1K	5%	1/4W	
R727	1-246-517-00	CARBON	68K	5%	1/4W	
R728	1-244-933-00	CARBON	330K	5%	1/2W	
R729	1-246-491-00	CARBON	5.6K	5%	1/4W	
R730	1-246-473-00	CARBON	1K	5%	1/4W	
R731	1-246-517-00	CARBON	68K	5%	1/4W	
R732	1-246-497-00	CARBON	10K	5%	1/4W	
R734	1-202-585-00	COMPOSITION	3.3K	10%	1/2W	
R735	1-206-749-00	METAL	10K	5%	3W	F
R739	1-246-505-00	CARBON	22K	5%	1/4W	
R740	1-246-487-00	CARBON	3.9K	5%	1/4W	
R741	1-246-475-00	CARBON	1.2K	5%	1/4W	
R742	1-246-457-00	CARBON	220	5%	1/4W	
R743	1-246-466-00	CARBON	510	5%	1/4W	
R744	1-246-487-00	CARBON	3.9K	5%	1/4W	
R745	1-246-461-00	CARBON	330	5%	1/4W	
R746	1-246-466-00	CARBON	510	5%	1/4W	
R747	1-246-487-00	CARBON	3.9K	5%	1/4W	
R748	1-246-461-00	CARBON	330	5%	1/4W	
R749	1-246-473-00	CARBON	1K	5%	1/4W	
R750	1-246-473-00	CARBON	1K	5%	1/4W	
R751	1-246-481-00	CARBON	2.2K	5%	1/4W	
R752	1-246-497-00	CARBON	10K	5%	1/4W	
R753	1-246-475-00	CARBON	1.2K	5%	1/4W	
R754	1-206-682-00	METAL	5.6K	5%	2W	F
R755	1-246-457-00	CARBON	220	5%	1/4W	

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CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
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COILS
- MMH : mH, UH : μH

Ref.No	Part No	Description				Remark
R756	1-246-497-00	CARBON	10K	5%	1/4W	
R757	1-246-475-00	CARBON	1.2K	5%	1/4W	
R758	1-206-682-00	METAL	5.6K	5%	2W	F
R759	1-246-457-00	CARBON	220	5%	1/4W	
R760A	1-206-678-00	METAL	3.9K	5%	2W	F
R760B	1-246-497-00	CARBON	10K	5%	1/4W	
R761A	1-206-678-00	METAL	3.9K	5%	2W	F
R761B	1-246-521-00	CARBON	100K	5%	1/4W	
R762A	1-212-352-00	METAL	0.22	5%	1W	F
R762B	1-246-477-00	CARBON	1.5K	5%	1/4W	
R763	1-213-144-00	METAL	1.2K	5%	1W	F
R766	1-246-493-00	CARBON	6.8K		1/4W	

VARIABLE RESISTOR

RV701	1-226-157-00	RES, ADJ, METAL GLAZE 1M
RV702	1-224-644-XX	RES, ADJ, CARBON 4.7K
RV703	1-224-644-XX	RES, ADJ, CARBON 4.7K
RV704	1-224-644-XX	RES, ADJ, CARBON 4.7K
RV705	1-224-640-XX	RES, ADJ, CARBON 330

SPARK GAP

SG701	1-519-063-XX	DISCHARGING GAP
SG702	1-519-063-XX	DISCHARGING GAP
SG703	1-519-063-XX	DISCHARGING GAP

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⚠.A-1345-363-A E BOARD COMPLETE
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Do not replace parts on E Board, replace the complete circuit board only.

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♠:A-1345-330-A D BOARD, COMPLETE
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1-533-127-00	FUSE CLIP
♠:1-533-146-00	HOLDER, FUSE
♠:1-555-285-00	CONNECTOR SOCKET ASSY 2P
♠:1-555-287-00	HOUSING, CONNECTOR SOCKET 1P
♠:1-555-301-00	CONNECTOR RECEPTACLE ASSY 6P
1-556-146-11	CONNECTOR ASSY, MINIATURE 3P
♠:4-342-076-00	HEAT SINK, V.OUT

CAPACITOR

Ref.No	Part No	Description				Remark
C501	1-123-356-00	ELECT	10MF	20%	25V	
C502	1-123-328-00	ELECT	4.7MF	20%	25V	
C503	1-108-389-00	MYLAR	0.1MF	10%	100V	
C504	1-108-382-00	MYLAR	0.027MF	10%	100V	
C505	1-108-381-00	MYLAR	0.022MF	10%	100V	
C506	1-123-330-00	ELECT	22MF	20%	16V	
C507	1-123-381-00	ELECT	2.2MF	20%	50V	
C508	1-123-369-00	ELECT	4.7MF	20%	50V	
C509	1-123-328-00	ELECT	4.7MF	20%	25V	
C510	1-123-380-00	ELECT	1MF	20%	50V	
C511	1-108-373-00	MYLAR	0.0047MF	10%	100V	
C512	1-108-373-00	MYLAR	0.0047MF	10%	100V	
C513	1-108-371-00	MYLAR	0.0033MF	10%	100V	
C514	1-102-989-00	CERAMIC	68PF	5%	500V	
C515	1-123-361-00	ELECT	220MF	20%	50V	
C516	1-129-764-61	FILM	0.039MF	10%	200V	
C517	1-123-356-00	ELECT	10MF	20%	50V	
C518	1-121-707-00	ELECT	3.3MF	20%	160V	
C519	1-108-381-00	MYLAR	0.022MF	10%	100V	
C520	1-108-390-00	MYLAR	0.12MF	10%	100V	
C521	1-108-433-00	MYLAR	0.1MF	10%	200V	
C522	1-123-330-00	ELECT	22MF	20%	16V	
C523	1-123-363-00	ELECT	470MF	20%	50V	
C524	1-102-973-00	CERAMIC	100PF	5%	50V	
C525	1-123-369-00	ELECT	4.7MF	20%	50V	
C526	1-123-330-00	ELECT	22MF	20%	25V	
C527	1-108-824-00	MYLAR	0.47MF	5%	50V	
C528	1-108-595-00	MYLAR	0.047MF	5%	50V	
C529	1-102-316-00	CERAMIC	15PF	5%	500V	
C530	1-108-824-00	MYLAR	0.47MF	5%	50V	
C531	1-108-595-00	MYLAR	0.047MF	5%	50V	
C532	1-102-973-00	CERAMIC	100PF	5%	50V	
C533	1-108-820-00	MYLAR	0.22MF	5%	50V	
C534	1-108-597-00	MYLAR	0.056MF	5%	50V	
C535	1-102-973-00	CERAMIC	100PF	5%	50V	
C536	1-108-820-00	MYLAR	0.22MF	5%	50V	
C537	1-108-597-00	MYLAR	0.056MF	5%	50V	
C538	1-102-973-00	CERAMIC	100PF	5%	50V	
C539	1-123-381-00	ELECT	2.2MF	20%	50V	
C540	1-102-973-00	CERAMIC	100PF	5%	50V	
C541	1-123-380-00	ELECT	1MF	20%	50V	
C542	1-123-356-00	ELECT	10MF	20%	50V	
C543	1-123-356-00	ELECT	10MF	20%	50V	
C544	1-123-360-00	ELECT	100MF	20%	50V	
C545	1-123-380-00	ELECT	1MF	20%	50V	
C546	1-123-356-00	ELECT	10MF	20%	50V	
C547	1-108-379-00	MYLAR	0.015MF	10%	100V	
C548	1-108-382-00	MYLAR	0.027MF	10%	100V	
C549	1-108-637-00	MYLAR	0.082MF	10%	100V	
C550	1-123-328-00	ELECT	4.7MF	20%	25V	
C551	1-108-381-00	MYLAR	0.022MF	10%	100V	
C552	1-108-389-00	MYLAR	0.1MF	10%	100V	
C553	1-108-379-00	MYLAR	0.015MF	10%	100V	
C554	1-102-820-00	CERAMIC	330PF	5%	50V	
C555	1-101-845-00	CERAMIC	0.001MF		500V	
C556	1-101-001-00	CERAMIC	0.001		50V	
C558	1-108-433-00	MYLAR	0.1MF	10%	200V	
C601⚠.	1-108-745-00	MYLAR	0.22MF		125V	
C602⚠.	1-102-189-00	CERAMIC	0.0047MF		125V	
C603⚠.	1-108-745-00	MYLAR	0.22MF	20%	125V	
C1501	1-102-125-00	CERAMIC	0.0047MF	10%	50V	
C1502	1-123-379-00	ELECT	0.47MF	20%	50V	
C1503	1-108-369-00	MYLAR	0.0022MF	10%	100V	
C1504	1-108-378-00	MYLAR	0.012MF	10%	100V	
C1505	1-106-196-00	MYLAR	0.01MF	5%	100V	
C1506	1-129-701-00	FILM	0.01MF	2%	100V	
C1507	1-123-330-00	ELECT	22MF	20%	25V	
C1508	1-102-978-00	CERAMIC	220PF	5%	50V	

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D

Ref.No	Part No	Description			Remark
C1509	1-101-001-00	CERAMIC	0.001MF		50V
C1510	1-123-380-00	ELECT	1MF	20%	50V
C1511	1-108-382-00	MYLAR	0.027MF	10%	100V
C1512	1-102-157-00	CERAMIC	560PF	10%	500V
C1513	1-101-845-00	CERAMIC	0.001MF		500V
C1514	1-108-385-00	MYLAR	0.047MF	10%	100V
C1515	1-129-953-00	FILM	0.068MF	20%	1.5KV
C1516	1-102-973-00	CERAMIC	100PF	5%	50V
C1517⚠	1-130-542-00	FILM	0.014MF	3%	2KV
C1518	1-102-002-00	CERAMIC	680PF	10%	500V
C1519	1-130-543-00	FILM	0.91MF	5%	200V
C1520	1-130-540-00	FILM	1.5MF	5%	400V
C1521	1-108-381-00	MYLAR	0.022MF	10%	100V
C1522	1-121-806-00	ELECT	10MF	20%	16V
C1523	1-123-333-00	ELECT	100MF	20%	16V
C1524	1-123-333-00	ELECT	100MF	20%	16V
C1525	1-106-224-00	MYLAR	0.15MF	10%	100V
C1526	1-123-361-00	ELECT	220MF	20%	50V
C1527	1-121-757-00	ELECT	33MF		160V
C1528	1-108-381-00	MYLAR	0.022MF	10%	100V
C1529	1-123-379-00	ELECT	0.47MF	20%	50V
C1530	1-108-377-00	MYLAR	0.01MF	10%	100V
C1531	1-123-330-00	ELECT	22MF	20%	25V
C1532	1-108-371-00	MYLAR	0.0033MF	10%	100V
C1533	1-102-030-00	CERAMIC	330PF	10%	500V
C1534	1-108-389-00	MYLAR	0.1MF	10%	100V
C1535	1-123-333-00	ELECT	100MF	20%	25V
C1536⚠	1-130-709-00	FILM	0.008MF	3%	2KV
C1537⚠	1-129-747-00	FILM	0.047MF	10%	400V
C1538	1-129-751-00	FILM	0.1MF	20%	400V
C1539	1-123-356-00	ELECT	10MF	20%	25V
C1540	1-123-334-00	ELECT	220MF	20%	25V
C1541	1-123-334-00	ELECT	220MF	20%	25V
C1542	1-123-382-00	ELECT	3.3MF	20%	50V
C1543	1-123-379-00	ELECT	0.47MF	20%	50V
C1544	1-123-356-00	ELECT	10MF	20%	50V
C1545	1-123-359-00	ELECT	47MF	20%	50V
C1546	1-101-001-00	CERAMIC	0.001MF		50V
C1547	1-108-431-00	MYLAR	0.068MF	10%	200V
C1548	1-123-328-00	ELECT	4.7MF	20%	25V
C1552	1-108-421-00	MYLAR	0.01MF	10%	200V
C1553	1-108-421-00	MYLAR	0.01MF	10%	200V
C1554⚠	1-102-327-00	CERAMIC	330PF	15%	1.5KV
C1555	1-102-327-00	CERAMIC	330PF	15%	1.5KV
C1557	1-102-978-00	CERAMIC	220PF	5%	50V
C1558	1-123-332-00	ELECT	47MF	20%	25V
C1564	1-123-380-00	ELECT	1MF	20%	50V
C1565	1-108-372-00	MYLAR	0.0039MF	10%	100V
C1567A	1-101-004-00	CERAMIC	0.01		50V
C1567B	1-123-340-00	ELECT	4.7MF	20%	35V
C1568	1-123-330-00	ELECT	22MF	20%	25V
C1569	1-101-006-00	CERAMIC	0.047MF		50V
C1570	1-123-332-00	ELECT	47MF	20%	16V

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C1571	1-101-006-00	CERAMIC	0.047MF		50V
C1572	1-101-006-00	CERAMIC	0.047MF		50V
C1575	1-123-333-00	ELECT	100MF	20%	25V

CONNECTOR

Ref.No	Part No	Description
D1	1-506-348-XX	3P PLUG (L)
D2	1-508-765-00	3P PLUG (M)
D4	♠:1-506-371-00	2P PLUG (L)
D5	1-508-765-00	3P PLUG (M)
D7	♠:1-506-371-00	2P PLUG (L)
D8	♠:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
D9	♠:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
D10	♠:1-508-766-00	4P PLUG (M)
D11	♠:1-508-784-00	1P PLUG
D12	♠:1-508-784-00	1P PLUG
D13	♠:1-508-784-00	1P PLUG
D14	1-508-765-00	3P PLUG (M)
D15	1-508-765-00	3P PLUG (M)
D16	♠:1-508-766-00	4P PLUG (M)
D17	1-508-765-00	3P PLUG (M)
D18	♠:1-508-784-00	1P PLUG
D19	1-506-348-XX	3P PLUG (L)
D20	1-508-765-00	3P PLUG (M)
D24	1-506-348-XX	3P PLUG (L)
D25	1-508-765-00	3P PLUG (M)
D26	1-506-348-XX	3P PLUG (L)
D27	1-508-765-00	3P PLUG (M)
D28	♠:1-508-784-00	1P PLUG
D29	1-508-765-00	3P PLUG (M)
D30	♠:1-508-784-00	1P PLUG

DIODE

Ref.No	Part No	Description
D501	=>8-719-911-19	DIODE 1SS119
D502	=>8-719-911-19	DIODE 1SS119
D503	=>8-719-900-15	DIODE V09C
D504	=>8-719-911-19	DIODE 1SS119
D505	=>8-719-300-76	DIODE RH1A
D506	8-719-300-38	DIODE GU3A
D507	=>8-719-300-76	DIODE RH1A
D508	=>8-719-900-15	DIODE V09C
D510	=>8-719-911-19	DIODE 1SS119
D511	=>8-719-911-19	DIODE 1SS119
D512	=>8-719-911-19	DIODE 1SS119
D513	=>8-719-900-93	DIODE V09C
D1501	=>8-719-911-19	DIODE 1SS119
D1502	=>8-719-911-19	DIODE 1SS119
D1503	=>8-719-900-93	DIODE V09C
D1504	=>8-719-305-15	DIODE GH3F
D1505	8-719-928-08	DIODE ERD28-28S
D1506	=>8-719-300-76	DIODE RH1A
D1507⚠	8-719-320-01	DIODE RH-1
D1508	8-719-901-19	DIODE V11N
D1509	=>8-719-300-76	DIODE RH1A

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D1510	=>8-719-911-19	DIODE 1SS119	
D1511	=>8-719-931-15	DIODE EQB01-15	
D1512	=>8-719-300-76	DIODE RH1A	
D1513	=>8-719-900-93	DIODE V09C	
D1514	8-719-926-16	DIODE ERC26-15SA	
D1515	=>8-719-300-76	DIODE RH1A	
D1516	=>8-719-911-19	DIODE 1SS119	
D1517	=>8-719-300-76	DIODE RH1A	
D1518	=>8-719-300-76	DIODE RH1A	
D1519	=>8-719-931-13	DIODE EQB01-13	
D1520	=>8-719-911-19	DIODE 1SS119	
D1521	=>8-719-911-19	DIODE 1SS119	
D1522	=>8-719-911-19	DIODE 1SS119	
D1523	=>8-719-300-76	DIODE RH1A	
D1524	8-719-156-23	DIODE RD5.6E-Z7S	
D1526	=>8-719-911-19	DIODE 1SS119	
D1527	=>8-719-911-19	DIODE 1SS119	
D1528	⚠.8-719-903-09	DIODE V30N	
D1529	=>8-719-101-60	DIODE RD6.2E-L1	
D1530	8-719-815-55	DIODE 1S1555	
D1531	8-719-200-02	DIODE 10E2	
D1532	8-719-190-00	DIODE RD24E-BZ7	
		FUSE	
F601	⚠.1-532-627-00	FUSE, GLASS TUBE 7A	
F602	⚠.1-532-555-00	FUSE, GLASS TUBE 1.6A	
		IC	
IC501	8-751-570-00	IC CX-157	
IC1501	8-751-580-00	IC CX-158	
		COIL	
L501	1-407-364-00	COIL, SPOOK CHOKE	
L502	1-407-209-XX	MICRO INDUCTOR 18MMH	
L503	1-407-209-XX	MICRO INDUCTOR 18MMH	
L504	1-407-206-XX	MICRO INDUCTOR 10MMH	
L505	1-407-211-XX	MICRO INDUCTOR 27MMH	
L506	1-407-207-XX	MICRO INDUCTOR 12MMH	
L507	1-459-060-00	COIL, DYNAMIC CONVERSION CHOKE	
L508	1-435-055-31	COIL, PHASE ADJUST	
L509	1-443-012-00	TRANSFORMER, DYNAMIC CONVERSION	
L601	1-407-720-00	CHOKE COIL	
L1501	1-421-390-00	COIL, FERRITE (PMC)	
L1502	1-459-308-00	COIL, HORIZONTAL LINEARITY	
L1503	1-459-104-00	COIL, DUST CORE	
L1504	1-459-123-00	COIL, DUST CORE(PAC)	
L1505	1-407-365-00	COIL, CHOKE	
L1506	1-407-365-00	COIL, CHOKE	

Ref.No	Part No	Description				Remark
		TRANSISTOR				
Q501	=>8-729-663-47	TRANSISTOR 2SC1364				
Q502	⚠.8-729-195-92	TRANSISTOR 2SC2959				
Q503	⚠.8-729-169-02	TRANSISTOR 2SC2690A				
Q504	⚠.8-729-122-02	TRANSISTOR 2SA1220A				
Q505	=>8-729-201-52	TRANSISTOR 2SA1015				
Q506	8-729-177-43	TRANSISTOR 2SD774				
Q507	=>8-729-663-47	TRANSISTOR 2SC1364				
Q508	=>8-729-663-47	TRANSISTOR 2SC1364				
Q509	=>8-729-663-47	TRANSISTOR 2SC1364				
Q510	=>8-729-663-47	TRANSISTOR 2SC1364				
Q511	=>8-729-663-47	TRANSISTOR 2SC1364				
Q512	=>8-729-663-47	TRANSISTOR 2SC1364				
Q513	=>8-729-663-47	TRANSISTOR 2SC1364				
Q514	=>8-729-663-47	TRANSISTOR 2SC1364				
Q515	=>8-729-663-47	TRANSISTOR 2SC1364				
Q516	=>8-729-201-52	TRANSISTOR 2SA1015				
Q517	=>8-729-195-82	TRANSISTOR 2SC2958				
Q518	=>8-729-663-47	TRANSISTOR 2SC1364				
Q1501	8-729-203-82	TRANSISTOR 2SC2238B				
Q1502	8-729-177-43	TRANSISTOR 2SD774				
Q1503	=>8-729-103-43	TRANSISTOR 2SB734				
Q1504	=>8-729-103-43	TRANSISTOR 2SB734				
Q1505	=>8-729-663-47	TRANSISTOR 2SC1364				
Q1506	8-765-222-20	TRANSISTOR 2SC1963				
Q1507	=>8-729-117-43	TRANSISTOR 2SD774				
Q1508	=>8-729-663-47	TRANSISTOR 2SC1364				
Q1509	=>8-729-201-52	TRANSISTOR 2SA1015				
Q1510	=>8-729-201-52	TRANSISTOR 2SA1015				
Q1511	=>8-729-201-52	TRANSISTOR 2SA1015				
Q1512	=>8-729-663-47	TRANSISTOR 2SC1364				
Q1514	=>8-729-663-47	TRANSISTOR 2SC1364				
Q1515	8-729-177-43	TRANSISTOR 2SD774-L				
Q1516	=>8-729-663-47	TRANSISTOR 2SC1364				
Q1517	=>8-729-309-06	TRANSISTOR 2SC1890A				
Q1518	8-729-178-54	TRANSISTOR 2SC2785				
Q1519	8-729-117-54	TRANSISTOR 2SA1175				
Q1520	8-729-117-54	TRANSISTOR 2SA1175				
		RESISTOR				
R501	1-246-472-00	CARBON	910	5%	1/4W	
R502	1-246-531-00	CARBON	270K	5%	1/4W	
R503	1-246-512-00	CARBON	43K	5%	1/4W	
R504	1-246-487-00	CARBON	3.9K	5%	1/4W	
R506	1-246-541-00	CARBON	680K	5%	1/4W	
R507	1-246-510-00	CARBON	36K	5%	1/4W	
R508	1-246-483-00	CARBON	2.7K	5%	1/4W	
R509	1-246-473-00	CARBON	1K	5%	1/4W	
R510	1-246-507-00	CARBON	27K	5%	1/4W	
R511	1-246-497-00	CARBON	10K	5%	1/4W	
R512	1-246-497-00	CARBON	10K	5%	1/4W	

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D

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R513	1-246-485-00	CARBON	3.3K	5%	1/4W	
R514	1-246-469-00	CARBON	680	5%	1/4W	
R515	1-246-465-00	CARBON	470	5%	1/4W	
R516	1-246-461-00	CARBON	330	5%	1/4W	
R517	1-246-494-00	CARBON	7.5K	5%	1/4W	
R518	1-246-499-00	CARBON	12K	5%	1/4W	
R519	1-246-501-00	CARBON	15K	5%	1/4W	
R520	1-246-490-00	CARBON	5.1K	5%	1/4W	
R521	1-246-491-00	CARBON	5.6K	5%	1/4W	
R522	1-246-481-00	CARBON	2.2K	5%	1/4W	
R523	1-246-477-00	CARBON	1.5K	5%	1/4W	
R524	⚠1-246-449-00	CARBON	100	5%	1/4W	
R525	1-213-143-00	METAL	1K	5%	1W	F
R526	⚠1-246-985-00	CARBON	33	5%	1/8W	F
R527	⚠1-246-982-00	CARBON	10	5%	1/8W	F
R528	1-212-361-00	METAL	1.2	5%	1W	F
R529	1-212-361-00	METAL	1.2	5%	1W	F
R530	1-213-140-00	METAL	560	5%	1W	F
R531	1-213-135-00	METAL	220	5%	1W	F
R532	1-246-507-00	CARBON	27K	5%	1/4W	
R533	1-213-142-00	METAL	820	5%	1W	F
R534	1-246-495-00	CARBON	8.2K	5%	1/4W	
R535	1-246-497-00	CARBON	10K	5%	1/4W	
R536	1-246-483-00	CARBON	2.7K	5%	1/4W	
R537	1-246-477-00	CARBON	1.5K	5%	1/4W	
R538	1-212-360-00	METAL	1	5%	1W	F
R539	1-206-661-00	METAL	750	5%	2W	F
R540	1-246-489-00	CARBON	4.7K	5%	1/4W	
R541	1-246-487-00	CARBON	3.9K	5%	1/4W	
R542	1-246-489-00	CARBON	4.7K	5%	1/4W	
R543	1-246-513-00	CARBON	47K	5%	1/4W	
R545	1-246-497-00	CARBON	10K	5%	1/4W	
R546	1-246-525-00	CARBON	150K	5%	1/4W	
R547	1-246-497-00	CARBON	10K	5%	1/4W	
R548	1-246-471-00	CARBON	820	5%	1/4W	
R549	1-246-473-00	CARBON	1K	5%	1/4W	
R550	1-246-498-00	CARBON	11K	5%	1/4W	
R551	1-246-495-00	CARBON	8.2K	5%	1/4W	
R552	1-246-503-00	CARBON	18K	5%	1/4W	
R553	1-246-449-00	CARBON	100	5%	1/4W	
R554	1-246-489-00	CARBON	4.7K	5%	1/4W	
R555	1-246-503-00	CARBON	18K	5%	1/4W	
R556	1-246-503-00	CARBON	18K	5%	1/4W	
R557	1-246-449-00	CARBON	100	5%	1/4W	
R558	1-246-482-00	CARBON	2.4K	5%	1/4W	
R559	1-246-506-00	CARBON	24K	5%	1/4W	
R560	1-246-506-00	CARBON	24K	5%	1/4W	
R561	1-246-449-00	CARBON	100	5%	1/4W	
R562	1-246-481-00	CARBON	2.2K	5%	1/4W	
R563	1-246-504-00	CARBON	20K	5%	1/4W	
R564	1-246-501-00	CARBON	15K	5%	1/4W	
R565	1-246-506-00	CARBON	24K	5%	1/4W	
R566	1-246-449-00	CARBON	100	5%	1/4W	

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R567	1-246-481-00	CARBON	2.2K	5%	1/4W	
R568	1-246-511-00	CARBON	39K	5%	1/4W	
R569	1-246-509-00	CARBON	33K	5%	1/4W	
R570	1-246-473-00	CARBON	1K	5%	1/4W	
R571	1-246-519-00	CARBON	82K	5%	1/4W	
R572	1-246-497-00	CARBON	10K	5%	1/4W	
R573	1-246-509-00	CARBON	33K	5%	1/4W	
R574	1-246-489-00	CARBON	4.7K	5%	1/4W	
R575	1-246-471-00	CARBON	820	5%	1/4W	
R576	1-246-469-00	CARBON	680	5%	1/4W	
R577	1-246-491-00	CARBON	5.6K	5%	1/4W	
R578	1-246-511-00	CARBON	39K	5%	1/4W	
R579	1-246-511-00	CARBON	39K	5%	1/4W	
R580	1-246-491-00	CARBON	5.6K	5%	1/4W	
R581	⚠1-217-523-00	FUSIBLE	10	5%	1/4W	F
R582	1-217-523-00	FUSIBLE	10	5%	1/4W	
R583	1-246-511-00	CARBON	39K	5%	1/4W	
R584	1-246-471-00	CARBON	820	5%	1/4W	
R585	1-246-495-00	CARBON	8.2K	5%	1/4W	
R587	1-213-125-00	METAL	33	5%	1W	F
R588	1-213-144-00	METAL	1.2K	5%	1W	F
R589	1-213-131-00	METAL	100	5%	1W	F
R590	1-246-517-00	CARBON	68K	5%	1/4W	
R592	1-246-521-00	CARBON	100K	5%	1/4W	
R593	1-246-979-00	CARBON	1.2	5%	1/8W	F
R594	1-246-473-00	CARBON	1K	5%	1/4W	
R599	1-246-979-00	CARBON	1.2	5%	1/8W	F
R601	⚠1-202-719-00	COMPOSITION	1M	10%	1/2W	
R602	⚠1-202-723-00	COMPOSITION	2.2M	10%	1/2W	
R603	1-246-527-00	CARBON	180K	5%	1/4W	
R1501	1-206-688-00	METAL	10K	5%	2W	F
R1502	1-246-477-00	CARBON	1.5K	5%	1/4W	
R1504	1-246-495-00	CARBON	8.2K	5%	1/4W	
R1505	1-246-493-00	CARBON	6.8K	5%	1/4W	
R1506	1-246-481-00	CARBON	2.2K	5%	1/4W	
R1507	1-246-484-00	CARBON	3K	5%	1/4W	
R1508	1-246-479-00	CARBON	1.8K	5%	1/4W	
R1509	1-246-486-00	CARBON	3.6K	5%	1/4W	
R1510	1-205-607-00	CEMENT-COATED	18K	10%	5W	
R1511	1-213-138-00	METAL	390	5%	1W	F
R1512	1-246-473-00	CARBON	1K	5%	1/4W	
R1513	1-246-449-00	CARBON	100	5%	1/4W	
R1514	1-247-012-00	CARBON	1K	5%	1/4W	F
R1515	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1516	1-206-676-00	METAL	3.3K	5%	2W	F
R1517	1-206-676-00	METAL	3.3K	5%	2W	F
R1518	⚠1-213-146-00	METAL	1.8K	5%	1W	F
R1519	1-206-463-00	METAL	10	5%	2W	F
R1520	1-213-147-00	METAL	2.2	5%	1W	F
R1521	1-206-664-00	METAL	1K	5%	2W	F
R1522	1-246-429-00	CARBON	15	5%	1/4W	
R1523	1-206-441-00	METAL	1.2	5%	2W	F
R1524	1-206-477-00	METAL	39	5%	2W	F

NOTE:

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CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

Ref.No	Part No	Description				Remark
R1525	1-246-481-00	CARBON	2.2K	5%	1/4W	
R1526	1-246-465-00	CARBON	470	5%	1/4W	
R1527	1-213-136-00	METAL	270	5%	1W	F
R1528	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1529	1-246-497-00	CARBON	10K	5%	1/4W	
R1530	1-246-473-00	CARBON	1K	5%	1/4W	
R1531	1-246-504-00	CARBON	20K	5%	1/4W	
R1532	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1533	1-246-497-00	CARBON	10K	5%	1/4W	
R1534	1-246-513-00	CARBON	47K	5%	1/4W	
R1535	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1536	1-246-473-00	CARBON	1K	5%	1/4W	
R1537	1-246-482-00	CARBON	2.4K	5%	1/4W	
R1538	1-246-497-00	CARBON	10K	5%	1/4W	
R1539	1-246-508-00	CARBON	30K	5%	1/4W	
R1540	1-246-473-00	CARBON	1K	5%	1/4W	
R1541⚠	1-246-979-00	CARBON	1.2	5%	1/8W	F
R1542⚠	1-246-979-00	CARBON	1.2	5%	1/8W	F
R1543⚠	1-246-979-00	CARBON	1.2	5%	1/8W	F
R1544⚠	1-246-979-00	CARBON	1.2	5%	1/8W	F
R1545	1-213-142-00	METAL	820	5%	1W	F
R1546	1-206-473-00	METAL	27	5%	2W	F
R1548	1-206-449-00	METAL	2.7	5%	2W	F
R1549	1-246-503-00	CARBON	18K	5%	1/4W	
R1550	1-246-505-00	CARBON	22K	5%	1/4W	
R1551	1-246-485-00	CARBON	3.3K	5%	1/4W	
R1552	1-246-457-00	CARBON	220	5%	1/4W	
R1553	1-246-467-00	CARBON	560	5%	1/4W	
R1554	1-246-471-00	CARBON	820	5%	1/4W	
R1555	1-246-461-00	CARBON	330	5%	1/4W	
R1556	1-246-465-00	CARBON	470	5%	1/4W	
R1557	1-246-473-00	CARBON	1K	5%	1/4W	
R1558	1-246-469-00	CARBON	680	5%	1/4W	
R1559	1-246-491-00	CARBON	5.6K	5%	1/4W	
R1560	1-246-472-00	CARBON	910	5%	1/4W	
R1561	1-246-491-00	CARBON	5.6K	5%	1/4W	
R1562	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1563	1-246-449-00	CARBON	100	5%	1/4W	
R1564	1-246-449-00	CARBON	100	5%	1/4W	
R1565	1-213-126-00	METAL	39	5%	1W	F
R1578	1-246-472-00	CARBON	910	5%	1/4W	
R1579	1-212-371-00	METAL	8.2	5%	1W	F
R1580	1-246-484-00	CARBON	3K	5%	1/4W	
R1581⚠	1-246-981-00	CARBON	4.7	5%	1/8W	F
R1582⚠	1-246-981-00	CARBON	4.7	5%	1/8W	F
R1584	1-246-489-00	CARBON	4.7K	5%	1/4W	
R1590	1-246-508-00	CARBON	30K	5%	1/4W	
R1591	1-246-493-00	CARBON	6.8K	5%	1/4W	
R1593	1-246-497-00	CARBON	10K	5%	1/4W	
R1594	1-206-692-00	METAL	15K	5%	2W	F
R1595	1-214-756-00	METAL	13K	1%	1/4W	
R1596	1-246-475-00	CARBON	1.2K	5%	1/4W	
R1598	1-214-777-00	METAL	100K	1%	1/4W	
R1599	1-246-491-00	CARBON	5.6K	5%	1/4W	
R1600	1-214-753-00	METAL	10K	1%	1/4W	
R1601	1-214-750-00	METAL	7.5K	1%	1/4W	
■R1602⚠		CARBON			1/4W	
R1603	1-246-501-00	CARBON	15K	5%	1/4W	
R1604	1-246-481-00	CARBON	2.2K	5%	1/4W	
R1605	1-246-473-00	CARBON	1K	5%	1/4W	
R1606	1-246-488-00	CARBON	4.3K	5%	1/4W	
R1607	1-246-501-00	CARBON	15K	5%	1/4W	
R1608	1-246-473-00	CARBON	1K	5%	1/4W	
R1609	1-214-781-00	METAL	150K	1%	1/4W	
R1610	1-214-779-00	METAL	120K	1%	1/4W	

VARIABLE RESISTOR

RV501	1-224-990-00	RES, ADJ, CARBON 47K
RV502	1-224-990-00	RES, ADJ, CARBON 47K
RV503	1-224-646-XX	RES, ADJ, CARBON 22K
RV504	1-224-641-XX	RES, ADJ, CARBON 470
RV505	1-226-100-00	RES, ADJ, CARBON 10K
RV506	1-226-029-00	RES, ADJ, CARBON 1K
RV507	1-222-344-00	RES, ADJ, CARBON 5K
RV1501	1-224-646-XX	RES, ADJ, CARBON 22K
RV1502	1-226-819-00	RES, ADJ, CARBON 1K
RV1503	1-226-887-00	RES, ADJ, CARBON 250K
RV1504	1-224-990-00	RES, ADJ, CARBON 47K
RV1505	1-224-965-00	RES, ADJ, CARBON 470
RV1506	1-224-641-XX	RES, ADJ, CARBON 470

SPARK GAP

SG1501	1-519-063-XX	DISCHARGING GAP

TRANSFORMER

T501	1-421-324-11	V. PCT
T601 ⚠	1-421-259-12	TRANSFORMER, LFT
T602 ⚠	1-421-496-11	TRANSFORMER FILTER, LINE
T1501	1-437-089-00	TRANSFORMER, HORIZONTAL DRIVE
T1502	1-437-089-00	TRANSFORMER, HORIZONTAL DRIVE
T1503⚠	1-439-252-00	TRANSFORMER, HORIZONTAL OUTPUT
T1504	1-407-849-00	TRANSFORMER, D.F
T1505⚠	1-421-388-00	TRANSFORMER, LOT

THERMISTOR

TH501	1-800-071-XX	TH DIRECT-HEATING DISK S-300
TH1501	1-800-194-11	THERMISTORCDIRECT-HEATING DISK
THP601⚠	1-806-214-11	THERMISTER, POSITIVE

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♠:1-604-960-00 H1 BOARD
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SWICTH

S1301	1-553-640-21	SWICTH, PUSH
S1302	1-553-640-21	SWICTH, PUSH

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CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

H1 H2 K

Ref.No	Part No	Description				Remark
S1303	1-553-640-21	SWICTH, PUSH				
S1304	1-553-640-21	SWICTH, PUSH				
S1305	1-553-640-21	SWICTH, PUSH				
S1306	1-553-640-21	SWICTH, PUSH				

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●:1-604-961-00 H2 BOARD
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	1-556-016-61	CONNECTOR ASSY (2.5MM) 3P				
	1-556-002-41	CONNECTOR ASSY (2.5MM) 6P				

RESISTOR

R1351	1-246-501-00	CARBON	15K	5%	1/4W	
R1352	1-246-499-00	CARBON	12K	5%	1/4W	
R1353	1-246-491-00	CARBON	5.6K	5%	1/4W	

VARIABLE RESISTOR

RV1351	1-226-804-00	RES, VAR, CARBON 20K				
RV1352	1-226-805-00	RES, VAR, CARBON 20K				
RV1353	1-226-805-00	RES, VAR, CARBON 20K				
RV1354	1-226-805-00	RES, VAR, CARBON 20K				
RV1355	1-226-805-00	RES, VAR, CARBON 20K				

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●:A-1385-014-A K BOARD,COMPLETE
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●:1-533-146-00 HOLDER, FUSE

CAPACITOR

C1201	1-125-154-00	ELECT(BLOCK)	2200MF		35V	
C1202	1-125-154-00	ELECT(BLOCK)	2200MF		35V	
C1207	1-102-820-00	CERAMIC	330PF	5%	50V	
C1208	1-123-318-00	ELECT	33MF	20%	16V	
C1209	1-123-333-00	ELECT	100MF	20%	25V	
C1210	1-106-224-00	MYLAR	0.15MF	10%	100V	
C1211	1-108-389-00	MYLAR	0.1MF	10%	100V	
C1216	1-102-820-00	CERAMIC	330PF	5%	50V	
C1217	1-123-318-00	ELECT	33MF	20%	16V	
C1218	1-123-333-00	ELECT	100MF	20%	25V	
C1219	1-106-224-00	MYLAR	0.15MF	10%	100V	
C1220	1-108-389-00	MYLAR	0.1MF	10%	100V	
C1221	1-102-107-00	CERAMIC	120PF	10%	50V	
C1222	1-102-107-00	CERAMIC	120PF	10%	50V	
C1224	1-123-356-00	ELECT	10MF	20%	16V	
C1225	1-123-356-00	ELECT	10MF	20%	16V	
C1227	1-102-114-00	CERAMIC	470PF	10%	50V	
C1229	1-123-356-00	ELECT	10MF	20%	16V	
C1230	1-123-356-00	ELECT	10MF	20%	16V	
C1231	1-102-114-00	CERAMIC	470PF	10%	50V	
C1232	1-123-356-00	ELECT	10MF	20%	16V	
C1233	1-123-324-00	ELECT	1000MF	20%	16V	
C1234	1-123-318-00	ELECT	33MF	20%	16V	

Ref.No	Part No	Description				Remark
C1235	1-123-379-00	ELECT	0.47MF	20%	50V	
C1236	1-123-356-00	ELECT	10MF	20%	16V	
C1237	1-123-356-00	ELECT	10MF	20%	16V	
C1238	1-101-004-00	CERAMIC	0.01MF		50V	
C1241	1-123-356-00	ELECT	10MF	20%	16V	
C1245	1-102-111-00	CERAMIC	270PF	10%	50V	
C1246	1-102-111-00	CERAMIC	270PF	10%	50V	

DIODE

D1205	=>8-719-100-27	DIODE RD4.7EBZ				

FUSE

F1201⚠	1-532-557-00	FUSE, GLASS TUBE 3.15A				
F1202⚠	1-532-557-00	FUSE, GLASS TUBE 3.15A				

IC

IC1201⚠	8-759-111-88	IC μPC1188H				
IC1202	8-759-111-88	IC UPC1188H				
IC1203	8-759-826-01	IC LA2600S				

CONNECTOR

K1	1-508-765-00	3P PLUG (M)				
K2	●:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P				
K3	●:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P				
K4	1-508-765-00	3P PLUG (M)				
K5	1-508-765-00	3P PLUG (M)				

TRANSISTOR

Q1201	=>8-729-178-54	TRANSISTOR 2SC2785				
Q1202	=>8-729-178-54	TRANSISTOR 2SC2785				

RESISTOR

R1205	1-212-352-00	METAL	0.22	5%	1W	F
R1206	1-246-449-00	CARBON	100	5%	1/4W	
R1207	1-246-499-00	CARBON	12K	5%	1/4W	
R1208	1-246-491-00	CARBON	5.6K	5%	1/4W	
R1209	1-212-352-00	METAL	0.22	5%	1W	F
R1210	1-246-499-00	CARBON	12K	5%	1/4W	
R1211	1-246-491-00	CARBON	5.6K	5%	1/4W	
R1212	1-246-449-00	CARBON	100	5%	1/4W	
R1213	1-211-403-00	CARBON	5.6	5%	1/8W	F
R1217	1-246-496-00	CARBON	9.1K	5%	1/4W	
R1218	1-246-503-00	CARBON	18K	5%	1/4W	
R1219	1-246-516-00	CARBON	62K	5%	1/4W	
R1220	1-246-507-00	CARBON	27K	5%	1/4W	
R1221	1-246-496-00	CARBON	9.1K	5%	1/4W	
R1222	1-246-503-00	CARBON	18K	5%	1/4W	
R1223	1-246-507-00	CARBON	27K	5%	1/4W	

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CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

Ref.No	Part No	Description				Remark
R1224	1-246-516-00	CARBON	62K	5%	1/4W	
R1225	1-246-473-00	CARBON	1K	5%	1/4W	
R1226	1-246-473-00	CARBON	1K	5%	1/4W	
R1227	1-246-479-00	CARBON	1.8K	5%	1/4W	
R1228	1-246-479-00	CARBON	1.8K	5%	1/4W	
R1229	1-246-473-00	CARBON	1K	5%	1/4W	
R1230	1-246-449-00	CARBON	100	5%	1/4W	
R1231	1-246-479-00	CARBON	1.8K	5%	1/4W	
R1232	1-246-471-00	CARBON	820	5%	1/4W	
R1233	1-244-871-00	CARBON	820	5%	1/2W	
R1238	1-246-479-00	CARBON	1.8K	5%	1/4W	
R1241	1-211-403-00	CARBON	5.6	5%	1/8W	F

VARIABLE RESISTOR

Ref.No	Part No	Description
RV1201	1-226-847-00	RES, ADJ, CARBON 1K
RV1202	1-226-850-00	RES, ADJ, CARBON 4.7K

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♠:1-602-172-00 X1 BOARD
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CAPACITOR

Ref.No	Part No	Description			
C1901⚠	1-102-327-00	CERAMIC	330PF	15%	1.5KV
C1906	1-102-820-00	CERAMIC	330PF	5%	50V

COIL

Ref.No	Part No	Description
L1901	1-407-365-00	COIL, CHOKE
L1903	1-407-365-00	COIL, CHOKE

RESISTOR

Ref.No	Part No	Description			
R1901	1-246-449-00	CARBON	100	5%	1/4W

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♠:1-602-173-00 X2 BOARD
****

CAPACITOR

Ref.No	Part No	Description			
C1902⚠	1-102-327-00	CERAMIC	330PF	15%	1.5KV
C1907	1-102-820-00	CERAMIC	330PF	5%	50V

COIL

Ref.No	Part No	Description
L1902	1-407-365-00	COIL, CHOKE
L1904	1-407-365-00	COIL, CHOKE

RESISTOR

Ref.No	Part No	Description			
R1902	1-246-449-00	CARBON	100	5%	1/4W

♠:1-604-845-00 Y BOARD
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♠:4-345-836-00 HOLDER (S-2), LED

DIODE

Ref.No	Part No	Description
D1	8-719-102-34	DIODE SG232D
D2	8-719-106-34	DIODE SR632D
D3	8-719-114-34	DIODE SY432D

CONNECTOR

Ref.No	Part No	Description
N6	1-555-965-51	CONNECTOR ASSY (2.5MM) 5P

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♠:1-605-977-21 GA BOARD
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Part No	Description
♠:1-555-352-00	CONNECTOR, MINIATURE 1P
♠:1-555-442-00	CONNECTOR ASSY (LARGE) 3P
♠:1-555-867-71	CONNECTOR, MINIATURE 1P
♠:1-556-021-00	CONNECTOR ASSY 3P
3-701-353-00	SPACER, MICA
3-703-320-00	BUSHING (A), TRANSISTOR
♠:3-706-518-00	HOLDER, POT
♠:3-706-519-00	HEAT SINK, REG
♠:3-706-520-00	BRACKET, G PC BOARD
♠:3-706-521-00	CASE, SHIELD, G BLOCK
♠:4-307-456-00	HOLDER, (TO-3)
4-333-157-00	RETAINER, AC CORD

CAPACITOR

Ref.No	Part No	Description			
C635	1-102-085-00	CERAMIC	0.0047MF		500V
C651	1-102-824-00	CERAMIC	470PF	5%	50V
C652	1-108-409-00	MYLAR	0.001MF	10%	200V
C653	1-108-579-00	MYLAR	0.01MF	5%	50V
C654	1-108-595-00	MYLAR	0.047MF	5%	50V
C656	1-130-697-00	FILM	0.025MF	3%	1.4KV
C657	1-130-073-00	FILM	0.16MF	5%	400V
C658	1-101-006-00	CERAMIC	0.047MF		50V
C659	1-123-266-51	ELECT	1.5MF	20%	160V
C660	1-101-004-00	CERAMIC	0.01MF		50V
C661	1-123-380-00	ELECT	1MF	20%	50V
C662	1-101-810-00	CERAMIC	100PF	5%	500V
C663	1-130-458-00	FILM	0.024MF	3%	400V
C664	1-129-710-00	FILM	0.0047MF	10%	630V
C665	1-129-710-00	FILM	0.0047MF	10%	630V
C666	1-125-213-00	ELECT	560MF		180V
C667	1-123-336-00	ELECT	470MF	20%	25V
C668	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C669	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C670	1-123-336-00	ELECT	470MF	20%	25V
C671	1-123-336-00	ELECT	470MF	20%	25V
C672	1-108-381-00	MYLAR	0.022MF	10%	100V

NOTE:

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- =>: Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.
- Items marked " ♠ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
- MF : µF, PF : µµF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : µH

Ref.No	Part No	Description				Remark
C673	1-108-421-00	MYLAR	0.01MF	10%	200V	
C674	1-108-377-00	MYLAR	0.01MF	10%	100V	
C675	1-102-125-00	CERAMIC	0.0047MF	10%	50V	
C676	1-102-125-00	CERAMIC	0.0047MF	10%	50V	

DIODE

Ref.No	Part No	Description
D651	8-719-901-02	DIODE SIB01-02
D652	8-719-901-40	DIODE SIB01-02T5
D653	8-719-901-02	DIODE SIB01-02
D654	8-719-113-21	DIODE RD13E-B1Z7
D655	8-719-815-55	DIODE 1S1555
D656	8-719-901-93	DIODE V19E
D657	8-719-901-93	DIODE V19E
D658	8-719-901-91	DIODE V19B
D659	8-719-901-91	DIODE V19B
D660	8-719-901-91	DIODE V19B
D661	8-719-901-91	DIODE V19B
D662	⚠.8-719-901-91	DIODE V19B
D663	8-719-901-02	DIODE SIB01-02
D664	8-719-110-07	DIODE RD10E-B2Z
D665	8-719-901-02	DIODE SIB01-02
D666	8-719-110-60	DIODE RD11EB1

IC

Ref.No	Part No	Description
IC651	⚠.1-235-015-00	MODULE, POWER

COIL

Ref.No	Part No	Description
L651	⚠.1-421-490-00	COIL FERRITE (PCC)
L657	1-421-329-00	COIL, CHOKE 10UH
L658	1-421-329-00	COIL, CHOKE 10UH

TRANSISTOR

Ref.No	Part No	Description
Q651	8-729-213-11	TRANSISTOR 2SC2230A
Q652	⚠.8-729-286-91	TRANSISTOR 2SD869
Q653	8-729-213-11	TRANSISTOR 2SC2230A
Q654	8-729-201-52	TRANSISTOR 2SA1015
Q655	8-729-201-52	TRANSISTOR 2SA1015
Q656	8-729-281-52	TRANSISTOR 2SC1815
Q657	8-729-281-52	TRANSISTOR 2SC1815

RESISTOR

Ref.No	Part No	Description				Remark
R651	1-246-505-00	CARBON	22K	5%	1/4W	
R652	1-246-509-00	CARBON	33K	5%	1/4W	
R653	1-246-470-00	CARBON	750	5%	1/4W	
R654	1-246-459-00	CARBON	270	5%	1/4W	
R655	1-246-481-00	CARBON	2.2K	5%	1/4W	
R656	1-211-930-00	CARBON	33	5%	1/8W	
R657	1-217-619-00	WIREWOUND	0.24	5%	3W	F
R658	1-217-619-00	WIREWOUND	0.24	5%	3W	F
R659	1-206-696-00	METAL	22K	5%	2W	F
R660	1-246-489-00	CARBON	4.7K	5%	1/4W	
R661	1-246-459-00	CARBON	270	5%	1/4W	
R662	1-246-980-00	CARBON	3.3	5%	1/8W	F
R663	1-246-481-00	CARBON	2.2K	5%	1/4W	
R664	1-214-147-00	METAL	4.3K	1%	1/4W	F
R665	1-212-688-00	METAL	27K	1%	1/2W	F
R666	1-212-685-00	METAL	20K	1%	1/2W	F
R667	⚠.1-205-645-00	WIREWOUND	5.6K	5%	10W	F
R668	⚠.1-217-465-00	FUSE	0.47	5%	1W	F
R669	1-246-783-00	CARBON	1.0K	5%	1/8W	
R670	⚠.1-246-521-00	CARBON	100K	5%	1/4W	
R671	1-246-498-00	CARBON	11K	5%	1/4W	
R672	⚠.1-246-521-00	CARBON	100K	5%	1/4W	
R673	1-246-473-00	CARBON	1K	5%	1/4W	
R674	1-246-489-00	CARBON	4.7K	5%	1/4W	
R675	1-217-418-00	FUSE	0.47	10%	1/2W	F
R676	⚠.1-217-465-00	FUSE	0.47	5%	1W	F
R677	1-246-449-00	CARBON	100	5%	1/4W	
R678	⚠.1-247-033-00	CARBON	100	5%	1/8W	
R679	1-246-489-00	CARBON	4.7K	5%	1/4W	

TRANSFORMER

Ref.No	Part No	Description
T651	⚠.1-421-450-00	TRANSFORMER, INSULATING
T652	1-437-078-00	TRANSFORMER, HORIZONTAL DRIVE
T653	1-405-760-00	COIL, OSC

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♦:1-605-978-21 GB BOARD
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TRANSFORMER

Ref.No	Part No	Description
T654	⚠.1-421-448-00	TRANSFORMER, FERRITE (POT)

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MISCELLANEOUS

Part No	Description
⚠.1-215-066-21	RES ASSY, HIGH-VOLTAGE ;MVR
⚠.1-228-484-00	RESISTOR ASSY, HIGH-VOLTAGE;HVR
♦:1-413-084-00	POWER BLOCK, X-Y
⚠.1-452-236-00	CRT NECK ASSY
⚠.1-551-478-11	CORD, POWER
♦:1-551-791-00	CONNECTOR ASSY (L) 2P
♦:1-551-925-00	CONNECTOR ASSY (2.5MM) 3P
♦:1-555-033-00	CONNECTOR ASSY, MINIATURE 3P
♦:1-555-042-00	CONNECTOR ASSY (LARGE) 3P
♦:1-555-180-00	CONNECTOR ASSY, MINIATURE 4P
♦:1-555-225-00	CONNECTOR ASSY (LARGE) 1P
♦:1-555-286-00	CONNECTOR PLUG ASSY 2P
♦:1-555-302-00	CONNECTOR PLUG ASSY 6P
♦:1-555-328-00	CONNECTOR, PLUG HOUSING 1P
♦:1-555-352-00	CONNECTOR, MINIATURE 1P
♦:1-555-442-00	CONNECTOR ASSY (LARGE) 3P
♦:1-555-614-00	CONNECTOR ASSY (2.5MM) 3P
♦:1-555-867-71	CONNECTOR, MINIATURE 1P
♦:1-556-021-00	CONNECTOR ASSY 3P
⚠.1-561-347-00	OUTLET, AC

NOTE:

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- =>: Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.
- Items marked "♦" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

Ref.No	Part No	Description	Remark
L901 ⚠	1-426-059-21	COIL, DEGAUSSING DGC	
L902 ⚠	1-426-059-21	COIL, DEGAUSSING DGC	
L903 ⚠	1-451-156-00	DEFLECTION YOKE V.DY	
L904 ⚠	1-451-156-00	DEFLECTION YOKE H.DY	
Q1901 ⚠	8-729-372-53	TRANSISTOR 2SD725	
Q1902	8-729-372-53	TRANSISTOR 2SD725-04	
Q1903 ⚠	8-726-404-10	THYRISTOR SG-264A	
R1903 ⚠	1-217-618-00	RES, WIREWOUND 1.2 (15W)	
S1901 ⚠	1-553-262-00	SWITCH, PUSH (POWER SWITCH)	
S1902	1-514-524-00	SLIDE SWITCH	
S1903	1-514-524-00	SLIDE SWITCH	
T1901 ⚠	1-447-120-00	TRANSFORMER, POWER;PT	
V901 ⚠	8-738-406-05	CRT 680DB22A	

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ACCESSORIES AND PACKING MATERIALS

Part No	Description	Remark
1-551-086-31	CORD, CONNECTION	
1-551-842-11	CORD, CONNECTION (RK-105A)	
1-561-790-00	CONNECTOR (SOCKET) 34P	
4-491-556-21	INSTRUCTION, CONNECTOR, 34 PIN	
4-491-561-21	SYSTEM CONNECTIONS GUIDE	
4-493-615-21	MANUAL, INSTRUCTION	
X-4354-304-0	PLATE ASSY, BOTTOM	
4-354-322-00	BAND	
4-354-324-00	TABLE, BOTTOM	
4-337-844-00	BAG, PROTECTION	
4-354-321-00	REINFORCEMENT	
4-354-323-00	INDIVIDUAL CARTON	

Ref.No	Part No	Description	Remark

NOTE:

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- =>: Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.
- Items marked " ● " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

STANDARD PARTS LIST

ELECTROLYTIC CAPACITORS

RATING → : Use the high voltage rated one.

CAP. (μF)	6.3 VOLT.	10 VOLT.	16 VOLT.	25 VOLT.	35 VOLT.	50 VOLT.	63 VOLT.
	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.
0.47						→	→
1.0						→	→
2.2						→	→
3.3						→	→
4.7				→	→	→	1-123-369-00
10			→	→	→	1-123-356-00	1-123-370-00
22			→	1-123-330-00	→	1-123-357-00	1-123-371-00
33	→	→	1-123-318-00	→	1-123-343-00	→	1-123-372-00
47	→	1-123-306-00	→	1-123-332-00	→	1-123-359-00	1-123-373-00
100	→	1-123-307-00	→	1-123-333-00	1-123-345-00	1-123-360-00	1-123-374-00
220	→	1-123-308-00	1-123-321-00	1-123-334-00	1-123-346-00	1-123-361-00	1-123-375-00
330	→	1-123-309-00	1-123-322-00	1-123-335-00	1-123-347-00	1-123-362-00	1-123-376-00
470	1-123-298-00	1-123-310-00	1-123-323-00	1-123-336-00	1-123-348-00	1-123-363-00	1-123-377-00
1000	1-123-299-00	1-123-311-00	1-123-324-00	1-123-337-00	1-123-349-00	1-123-364-00	1-123-378-00
2200	1-123-300-00	→	1-123-325-00	1-123-338-00	1-123-350-00		
3300	1-123-301-00	1-123-313-00	1-123-326-00	1-123-339-00			
4700	1-123-302-00	1-123-314-00	1-123-327-00				
6800	1-123-303-00	1-123-315-00					
10000	1-123-304-00						

CAP. (μF)	100 VOLT.	160 VOLT.	250 VOLT.	350 VOLT.
	PART No.	PART No.	PART No.	PART No.
0.47	1-123-379-00			
1.0	1-123-380-00	1-123-252-00	1-123-003-00	1-121-168-00
2.2	1-123-381-00	1-123-026-00	1-123-027-00	1-123-028-00
3.3	1-123-382-00	1-121-707-00	1-123-004-00	1-123-006-00
4.7	1-123-383-00	1-121-246-00	1-121-759-00	1-123-007-00
10	1-123-384-00	1-121-999-00	1-123-254-00	1-123-008-00
22	1-123-385-00	1-123-253-00	1-123-005-00	1-123-022-00
33	1-123-386-00	1-121-757-00		
47	1-123-387-00	1-121-919-00		
100	1-123-388-00			
220	1-123-389-00			
330	1-123-390-00			
470	1-123-391-00			

CERAMIC CAPACITORS

RATING

CAP. (pF)	50 VOLT. PART No.	CAP. (pF)	50 VOLT. PART No.	CAP. (pF)	50 VOLT. PART No.	CAP. (μF)	50 VOLT. PART No.
0.5	1-101-837-00	22	1-102-959-00	150	1-101-361-00	0.001	1-102-074-00
0.75	1-101-586-00	24	1-102-960-00	160	1-101-367-00	0.0012	1-102-118-00
1.0	1-102-934-00	27	1-102-961-00	180	1-102-976-00	0.0015	1-102-119-00
1.5	1-101-576-00	30	1-102-962-00	200	1-102-977-00	0.0018	1-102-120-00
2.0	1-102-935-00	33	1-102-963-00	220	1-102-978-00	0.0022	1-102-121-00
3	1-102-936-00	36	1-102-964-00	240	1-102-979-00	0.0027	1-102-122-00
4	1-102-937-00	39	1-102-965-00	270	1-102-980-00	0.0033	1-102-123-00
5	1-102-942-00	43	1-102-966-00	300	1-102-981-00	0.0039	1-102-124-00
6	1-102-943-00	47	1-101-880-00	330	1-102-820-00	0.0047	1-102-125-00
7	1-102-944-00	51	1-101-882-00	360	1-102-821-00	0.0056	1-102-126-00
8	1-102-945-00	56	1-101-884-00	390	1-102-822-00	0.0068	1-102-127-00
9	1-102-946-00	62	1-101-886-00	430	1-102-823-00	0.0082	1-102-128-00
10	1-102-947-00	68	1-101-888-00	470	1-102-824-00	0.01	1-102-129-00
11	1-102-948-00	75	1-101-890-00	510	1-101-059-00	0.022	1-101-005-00
12	1-102-949-00	82	1-102-971-00	560	1-102-115-00	0.047	1-101-006-00
13	1-102-950-00	91	1-102-972-00	680	1-102-116-00		
15	1-102-951-00	100	1-102-973-00	820	1-102-117-00		
16	1-102-952-00	110	1-102-815-00				
18	1-102-953-00	120	1-102-816-00				
20	1-102-958-00	130	1-101-081-00				

0.001μF = 1,000pF

MYLAR CAPACITORS

RATING

CAP. (μF)	50 VOLT. PART No.	100 VOLT. PART No.	200 VOLT. PART No.	CAP. (μF)	50 VOLT. PART No.	100 VOLT. PART No.	200 VOLT. PART No.	CAP. (μF)	50 VOLT. PART No.	100 VOLT. PART No.	200 VOLT. PART No.
0.001	1-108-227-00	1-108-365-00	1-108-409-00	0.01	1-108-239-00	1-108-377-00	1-108-421-00	0.1	1-108-251-00	1-108-389-00	1-108-433-00
0.0012	1-108-351-00	1-108-366-00	1-108-410-00	0.012	1-108-357-00	1-108-378-00	1-108-422-00	0.12	1-108-363-00	1-108-390-00	1-108-434-00
0.0015	1-108-228-00	1-108-367-00	1-108-411-00	0.015	1-108-240-00	1-108-379-00	1-108-423-00	0.15	1-108-252-00	1-108-391-00	1-108-435-00
0.0018	1-108-352-00	1-108-368-00	1-108-412-00	0.018	1-108-358-00	1-108-380-00	1-108-424-00	0.18	1-108-364-00	1-108-392-00	1-108-436-00
0.0022	1-108-230-00	1-108-369-00	1-108-413-00	0.022	1-108-242-00	1-108-381-00	1-108-425-00	0.22	1-108-254-00	1-108-393-00	1-108-437-00
0.0027	1-108-353-00	1-108-370-00	1-108-414-00	0.027	1-108-359-00	1-108-382-00	1-108-426-00	0.27	1-108-854-00		
0.0033	1-108-232-00	1-108-371-00	1-108-415-00	0.033	1-108-244-00	1-108-383-00	1-108-427-00	0.33	1-108-855-00		
0.0039	1-108-354-00	1-108-372-00	1-108-416-00	0.039	1-108-360-00	1-108-384-00	1-108-428-00	0.39	1-108-856-00		
0.0047	1-108-234-00	1-108-373-00	1-108-417-00	0.047	1-108-246-00	1-108-385-00	1-108-429-00	0.47	1-108-857-00		
0.0056	1-108-355-00	1-108-374-00	1-108-418-00	0.056	1-108-361-00	1-108-386-00	1-108-430-00				
0.0068	1-108-237-00	1-108-375-00	1-108-419-00	0.068	1-108-249-00	1-108-387-00	1-108-431-00				
0.0082	1-108-356-00	1-108-376-00	1-108-420-00	0.082	1-108-362-00	1-108-388-00	1-108-432-00				

STANDARD PARTS LIST

ELECTROLYTIC CAPACITORS

RATING → : Use the high voltage rated one.

CAP. (μF)	6.3 VOLT.	10 VOLT.	16 VOLT.	25 VOLT.	35 VOLT.	50 VOLT.	63 VOLT.
	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.
0.47						→	→
1.0						→	→
2.2						→	→
3.3						→	→
4.7				→	→	→	1-123-369-00
10			→	→	→	1-123-356-00	1-123-370-00
22			→	1-123-330-00	→	1-123-357-00	1-123-371-00
33	→	→	1-123-318-00	→	1-123-343-00	→	1-123-372-00
47	→	1-123-306-00	→	1-123-332-00	→	1-123-359-00	1-123-373-00
100	→	1-123-307-00	→	1-123-333-00	1-123-345-00	1-123-360-00	1-123-374-00
220	→	1-123-308-00	1-123-321-00	1-123-334-00	1-123-346-00	1-123-361-00	1-123-375-00
330	→	1-123-309-00	1-123-322-00	1-123-335-00	1-123-347-00	1-123-362-00	1-123-376-00
470	1-123-298-00	1-123-310-00	1-123-323-00	1-123-336-00	1-123-348-00	1-123-363-00	1-123-377-00
1000	1-123-299-00	1-123-311-00	1-123-324-00	1-123-337-00	1-123-349-00	1-123-364-00	1-123-378-00
2200	1-123-300-00	→	1-123-325-00	1-123-338-00	1-123-350-00		
3300	1-123-301-00	1-123-313-00	1-123-326-00	1-123-339-00			
4700	1-123-302-00	1-123-314-00	1-123-327-00				
6800	1-123-303-00	1-123-315-00					
10000	1-123-304-00						

CAP. (μF)	100 VOLT.	160 VOLT.	250 VOLT.	350 VOLT.
	PART No.	PART No.	PART No.	PART No.
0.47	1-123-379-00			
1.0	1-123-380-00	1-123-252-00	1-123-003-00	1-121-168-00
2.2	1-123-381-00	1-123-026-00	1-123-027-00	1-123-028-00
3.3	1-123-382-00	1-121-707-00	1-123-004-00	1-123-006-00
4.7	1-123-383-00	1-121-246-00	1-121-759-00	1-123-007-00
10	1-123-384-00	1-121-999-00	1-123-254-00	1-123-008-00
22	1-123-385-00	1-123-253-00	1-123-005-00	1-123-022-00
33	1-123-386-00	1-121-757-00		
47	1-123-387-00	1-121-919-00		
100	1-123-388-00			
220	1-123-389-00			
330	1-123-390-00			
470	1-123-391-00			

CERAMIC CAPACITORS

RATING

CAP. (pF)	50 VOLT.	CAP. (pF)	50 VOLT.	CAP. (pF)	50 VOLT.	CAP. (μF)	50 VOLT.
	PART No.		PART No.		PART No.		PART No.
0.5	1-101-837-00	22	1-102-959-00	150	1-101-361-00	0.001	1-102-074-00
0.75	1-101-586-00	24	1-102-960-00	160	1-101-367-00	0.0012	1-102-118-00
1.0	1-102-934-00	27	1-102-961-00	180	1-102-976-00	0.0015	1-102-119-00
1.5	1-101-576-00	30	1-102-962-00	200	1-102-977-00	0.0018	1-102-120-00
2.0	1-102-935-00	33	1-102-963-00	220	1-102-978-00	0.0022	1-102-121-00
3	1-102-936-00	36	1-102-964-00	240	1-102-979-00	0.0027	1-102-122-00
4	1-102-937-00	39	1-102-965-00	270	1-102-980-00	0.0033	1-102-123-00
5	1-102-942-00	43	1-102-966-00	300	1-102-981-00	0.0039	1-102-124-00
6	1-102-943-00	47	1-101-880-00	330	1-102-820-00	0.0047	1-102-125-00
7	1-102-944-00	51	1-101-882-00	360	1-102-821-00	0.0056	1-102-126-00
8	1-102-945-00	56	1-101-884-00	390	1-102-822-00	0.0068	1-102-127-00
9	1-102-946-00	62	1-101-886-00	430	1-102-823-00	0.0082	1-102-128-00
10	1-102-947-00	68	1-101-888-00	470	1-102-824-00	0.01	1-102-129-00
11	1-102-948-00	75	1-101-890-00	510	1-101-059-00	0.022	1-101-005-00
12	1-102-949-00	82	1-102-971-00	560	1-102-115-00	0.047	1-101-006-00
13	1-102-950-00	91	1-102-972-00	680	1-102-116-00		
15	1-102-951-00	100	1-102-973-00	820	1-102-117-00		
16	1-102-952-00	110	1-102-815-00				
18	1-102-953-00	120	1-102-816-00				
20	1-102-958-00	130	1-101-081-00				

0.001μF = 1,000pF

MYLAR CAPACITORS

RATING

CAP. (μF)	50 VOLT.	100 VOLT.	200 VOLT.	CAP. (μF)	50 VOLT.	100 VOLT.	200 VOLT.	CAP. (μF)	50 VOLT.	100 VOLT.	200 VOLT.
	PART No.	PART No.	PART No.		PART No.	PART No.	PART No.		PART No.	PART No.	PART No.
0.001	1-108-227-00	1-108-365-00	1-108-409-00	0.01	1-108-239-00	1-108-377-00	1-108-421-00	0.1	1-108-251-00	1-108-389-00	1-108-433-00
0.0012	1-108-351-00	1-108-366-00	1-108-410-00	0.012	1-108-357-00	1-108-378-00	1-108-422-00	0.12	1-108-363-00	1-108-390-00	1-108-434-00
0.0015	1-108-228-00	1-108-367-00	1-108-411-00	0.015	1-108-240-00	1-108-379-00	1-108-423-00	0.15	1-108-252-00	1-108-391-00	1-108-435-00
0.0018	1-108-352-00	1-108-368-00	1-108-412-00	0.018	1-108-358-00	1-108-380-00	1-108-424-00	0.18	1-108-364-00	1-108-392-00	1-108-436-00
0.0022	1-108-230-00	1-108-369-00	1-108-413-00	0.022	1-108-242-00	1-108-381-00	1-108-425-00	0.22	1-108-254-00	1-108-393-00	1-108-437-00
0.0027	1-108-353-00	1-108-370-00	1-108-414-00	0.027	1-108-359-00	1-108-382-00	1-108-426-00	0.27	1-108-854-00		
0.0033	1-108-232-00	1-108-371-00	1-108-415-00	0.033	1-108-244-00	1-108-383-00	1-108-427-00	0.33	1-108-855-00		
0.0039	1-108-354-00	1-108-372-00	1-108-416-00	0.039	1-108-360-00	1-108-384-00	1-108-428-00	0.39	1-108-856-00		
0.0047	1-108-234-00	1-108-373-00	1-108-417-00	0.047	1-108-246-00	1-108-385-00	1-108-429-00	0.47	1-108-857-00		
0.0056	1-108-355-00	1-108-374-00	1-108-418-00	0.056	1-108-361-00	1-108-386-00	1-108-430-00				
0.0068	1-108-237-00	1-108-375-00	1-108-419-00	0.068	1-108-249-00	1-108-387-00	1-108-431-00				
0.0082	1-108-356-00	1-108-376-00	1-108-420-00	0.082	1-108-362-00	1-108-388-00	1-108-432-00				

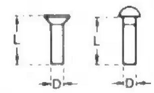
1/4 WATT CARBON RESISTORS

Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
1.0	1-246-401-00	10	1-246-425-00	100	1-246-449-00	1.0k	1-246-473-00	10k	1-246-497-00	100k	1-246-521-00	1.0M	1-246-545-00
1.1	1-246-402-00	11	1-246-426-00	110	1-246-450-00	1.1k	1-246-474-00	11k	1-246-498-00	110k	1-246-522-00	1.1M	1-210-814-00
1.2	1-246-403-00	12	1-246-427-00	120	1-246-451-00	1.2k	1-246-475-00	12k	1-246-499-00	120k	1-246-523-00	1.2M	1-210-815-00
1.3	1-246-404-00	13	1-246-428-00	130	1-246-452-00	1.3k	1-246-476-00	13k	1-246-500-00	130k	1-246-524-00	1.3M	1-210-816-00
1.5	1-246-405-00	15	1-246-429-00	150	1-246-453-00	1.5k	1-246-477-00	15k	1-246-501-00	150k	1-246-525-00	1.5M	1-210-817-00
1.6	1-246-406-00	16	1-246-430-00	160	1-246-454-00	1.6k	1-246-478-00	16k	1-246-502-00	160k	1-246-526-00	1.6M	1-210-818-00
1.8	1-246-407-00	18	1-246-431-00	180	1-246-455-00	1.8k	1-246-479-00	18k	1-246-503-00	180k	1-246-527-00	1.8M	1-210-819-00
2.0	1-246-408-00	20	1-246-432-00	200	1-246-456-00	2.0k	1-246-480-00	20k	1-246-504-00	200k	1-246-528-00	2.0M	1-210-820-00
2.2	1-246-409-00	22	1-246-433-00	220	1-246-457-00	2.2k	1-246-481-00	22k	1-246-505-00	220k	1-246-529-00	2.2M	1-210-821-00
2.4	1-246-410-00	24	1-246-434-00	240	1-246-458-00	2.4k	1-246-482-00	24k	1-246-506-00	240k	1-246-530-00	2.4M	1-244-754-00
2.7	1-246-411-00	27	1-246-435-00	270	1-246-459-00	2.7k	1-246-483-00	27k	1-246-507-00	270k	1-246-531-00	2.7M	1-244-755-00
3.0	1-246-412-00	30	1-246-436-00	300	1-246-460-00	3.0k	1-246-484-00	30k	1-246-508-00	300k	1-246-532-00	3.0M	1-244-756-00
3.3	1-246-413-00	33	1-246-437-00	330	1-246-461-00	3.3k	1-246-485-00	33k	1-246-509-00	330k	1-246-533-00	3.3M	1-244-757-00
3.6	1-246-414-00	36	1-246-438-00	360	1-246-462-00	3.6k	1-246-486-00	36k	1-246-510-00	360k	1-246-534-00	3.6M	1-244-758-00
3.9	1-246-415-00	39	1-246-439-00	390	1-246-463-00	3.9k	1-246-487-00	39k	1-246-511-00	390k	1-246-535-00	3.9M	1-244-759-00
4.3	1-246-416-00	43	1-246-440-00	430	1-246-464-00	4.3k	1-246-488-00	43k	1-246-512-00	430k	1-246-536-00	4.3M	1-244-760-00
4.7	1-246-417-00	47	1-246-441-00	470	1-246-465-00	4.7k	1-246-489-00	47k	1-246-513-00	470k	1-246-537-00	4.7M	1-244-761-00
5.1	1-246-418-00	51	1-246-442-00	510	1-246-466-00	5.1k	1-246-490-00	51k	1-246-514-00	510k	1-246-538-00	5.1M	1-244-762-00
5.6	1-246-419-00	56	1-246-443-00	560	1-246-467-00	5.6k	1-246-491-00	56k	1-246-515-00	560k	1-246-539-00		
6.2	1-246-420-00	62	1-246-444-00	620	1-246-468-00	6.2k	1-246-492-00	62k	1-246-516-00	620k	1-246-540-00		
6.8	1-246-421-00	68	1-246-445-00	680	1-246-469-00	6.8k	1-246-493-00	68k	1-246-517-00	680k	1-246-541-00		
7.5	1-246-422-00	75	1-246-446-00	750	1-246-470-00	7.5k	1-246-494-00	75k	1-246-518-00	750k	1-246-542-00		
8.2	1-246-423-00	82	1-246-447-00	820	1-246-471-00	8.2k	1-246-495-00	82k	1-246-519-00	820k	1-246-543-00		
9.1	1-246-424-00	91	1-246-448-00	910	1-246-472-00	9.1k	1-246-496-00	91k	1-246-520-00	910k	1-246-544-00		

HARDWARE NOMENCLATURE

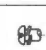
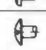
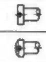
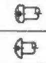
Screw: – P 3 x 10

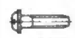
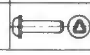
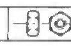
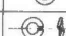
- L: *Length in mm*
- D: *Diameter in mm*
- *Type of head*
- *Indicated slotted-head only. Unless otherwise indicated, it means cross-recessed head (Phillips type).*



Nut, Washer, Retaining ring: N 3

- *Diameter of usable screw or shaft*
- *Reference designation*

Reference Designation	Shape	Description	Remarks
		SCREWS	
P		pan-head screw	binding-head (B) screw for replacement
PWH		pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP		pan-head screw with spring washer	binding-head (B) screw and spring washer for replacement
PSW PSPW		pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R		round-head screw	binding-head (B) screw for replacement
K		flat-countersunk-head screw	
RK		oval-countersunk-head screw	
B		binding-head screw	
T		truss-head screw	binding-head (B) screw for replacement
F		flat-fillister-head screw	
RF		fillister-head screw	
BV		braizer-head screw	

Reference Designation	Shape	Description	Remarks
		SELF-TAPPING SCREWS	
TA		self-tapping screw	ex: TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self-tapping (TA, B) screw for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
		SET SCREWS	
SC		set screw	
SC		hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
		NUT	
N		nut	
		WASHERS	
W		flat washer	
SW		spring washer	
LW		internal-tooth lock washer	ex: LW3, internal
LW		external-tooth lock washer	ex: LW3, external
		RETAINING RINGS	
E		retaining ring	
G		grip-type retaining ring	

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TV and Consumer Video Group

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